



PROFESSIONAL MANUFACTURER OF RF & MICROWAVE COMPONENTS

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Company Profile

Apex Microwave is a leading innovator and professional manufacturer of RF and microwave components, offering both standard and custom-designed solutions that deliver exceptional performance covering from DC to 67.5GHz.

Apex Microwave specializes in the design and manufacturing of a broad range of RF and microwave components, including RF filters, duplexers/diplexers, combiners/multiplexers, directional couplers, hybrid couplers, power dividers/splitters, isolators, circulators, attenuators, dummy loads, combined filter banks, POI combiners, waveguide components, and various accessories. These products are widely used in commercial, and aerospace applications, such as DAS systems, BDA solutions, public safety and critical communications, satellite communications, radar systems, radio communication, aviation and air traffic control.

Apex Microwave provides comprehensive ODM/OEM services, tailored to meet clients' specific needs and solutions. With a strong global reputation, Apex Microwave exports the majority of its components to overseas markets, with 50% going to Europe, 40% to North America, and 10% to other regions.

With extensive experience and ongoing development, Apex Microwave has built a strong reputation as a trusted industry partner. Our goal is to foster win-win collaborations by delivering high-quality components and supporting clients with expert proposals and design solutions to help them expand their businesses.



Product Types



Filter



Diplexer/Duplexer



Multiplexer



RF Isolator



RF Circulator



Coupler



Power Divider



Attenuator



RF Load



POI



LNA



Connector

RF Filter

- Frequency: 10MHz-67.5GHz
- Features: Low insertion loss, high rejection, high power, compact size, vibration & impact resistance, waterproof, custom design available.
- Types: Band Pass, Low Pass, High Pass, Band Stop
- Technology : Cavity, LC, Ceramic, Dielectric, Microstrip, Helical, Waveguide



Cavity Bandpass Filters

Model Number	F0 (MHz)	Frequency Range	Insertion Loss	Return Loss	Rejection	Power (CW)	Connector	Size(L x W x H)
AP-CF1-280M380M-22S	330	280-380MHz	≤1.0dB	≥16dB	≥70dB@DC-190MHz ≥50dB@190-230MHz ≥22dB@230-260MHz ≥3dB@260-270MHz ≥3dB@390-400MHz ≥22dB@400-430MHz ≥50dB@430-470MHz ≥70dB@470-520MHz	50W	SMA-F	220mm x 128mm x 46mm
AP-TF-343-10-4S	339	330-348MHz	≤1.5dB	≥18dB	≥50dB@313MHz ≥50dB@373MHz	5W	SMA-F	90mm x 90mm x 50mm
AP-CF1-338M340M-50N	339	338-340MHz	≤2.0dB	≥14dB	≥ 5dB@336.65-337.15MHz ≥ 50dB@341.8-344MHz	5W	N-F	330 mm x 90 mm x 60mm
AP-CF1-338M340M-50NL	339	338-340MHz	≤2.0dB	≥14dB	≥15dB@336.65-337.15MHz ≥50dB@341.8-344MHz	5W	N-F	293mm x 160 mm x 61mm
AP-CF1-339M402M-90NWP	340.5	339-402MHz	≤0.5dB	≥15dB	≥90dB@449-451MHz	50W	N-F	160mm x 150mm x 59mm
AP-TF-392.5/5-7NF	392.5	390-395MHz	≤1.0dB	≥18dB	≥75dB@380-385MHz ≥70dB@400-405MHz	100W	N-F	226mm x 112mm x 52mm
AP-CF1-380420-5RN	400	380-420MHz	≤2.0dB	≥19dB	/	100W	N-F	469.4mm x 125mm x 45mm
AP-CF1-417M420M-40S	419	417.5-420.5MHz	≤1.5dB	≥10dB	≥40dB@427.5-430.5 MHz ≥40dB@380-395 MHz	1W	SMA-F	78mm x 78mm x 41mm
AP-CF1-418M421M-35N	419.5	418-421MHz	≤2.0dB	≥14dB	≥10dB@411.5-416.5MHz ≥35dB@422.5-426.5MHz	5W	N-F	300mm x 90mm x 60mm
AP-CF1-427M430M-40S	429	427.5-430.5MHz	≤1.5dB	≥10dB	≥40dBc@418-420 MHz ≥30dBc@438-440 MHz	1W	SMA-F	78mm x 78mm x 41mm

Model Number	F0 (MHz)	Frequency Range	Insertion Loss	Return Loss	Rejection	Power (CW)	Connector	Size(L x W x H)
AP-CF1-449M451M-90NWP	450	449-451MHz	≤0.5dB	≥15dB	≥90dB@339-402MHz	50W	N-F	145mm x 110mm x 59mm
AP-CF1-460-70B	460	458-462MHz	≤6.5dB	≥15dB	≥70dB@457MHz ≥70dB@463MHz	50W	SMA-M	256mm x 90mm x 53mm
AP-CF2-470-70S	470	469.65-470.35MHz	≤5.0dB	≥18dB	≥70dB@467.7MHz ≥70dB@472.3MHz	50W	SMA-M	168mm x 90mm x 106mm
AP-TF-509-10 -4S	509	504-514MHz	≤1.5dB	≥18dB	≥50dB@479MHz ≥50dB@539MHz	5W	SMA-F	78mm x 78mm x 46mm
AP-CF1-511M561M-80N	536	511-561MHz	≤1.55dB	≥18dB	≥80dB@505MHz&567MHz	200W	N-F	183mm x 115mm x 50mm
AP-CF1-559M609M-80N	584	559-609MHz	≤1.6dB	≥18dB	≥80dB@553MHz&615MHz	200W	N-F	183mm x 115mm x 50mm
AP-CF1-613M645M-80N	629	613-645MHz	≤1.0dB	≥16dB	≥80dB@607MHz ≥80dB@651MHz	250W	N-F	380mm x 235mm x 46mm
AP-CF1-617M652M-60NWP	634.5	617-652MHz	≤0.8dB	≥20dB	≥60dB@663-4200 MHz	60W	N-F	150mmx90mmx42mm
AP-CF1-679M699M-80N	689	679-699MHz	≤1.0dB	≥16dB	≥80dB@673MHz ≥80dB@705MHz	100W	N-F	380mm x 235mm x 46mm
AP-CF1-700M740M-80GD	720	700-740MHz	≤1.0dB	≥18dB	≥80dB@DC-650MHz ≥80dB@790-1440MHz	50W	SMA-F	170mm x 105mm x 32.5mm
AP-CF1-757M758M-SV2	757.5	757-758MHz	≤3.0dB	≥15dB	≥15dB@757.5MHz±1.5MHz ≥90dB@757.5MHz± 312.5MHz	5W	N-F	263mm x 150mm x 43.6mm
AP-CF2-15N-V1	757.5	757-758MHz 787-788MHz	≤1.0dB ≤3.0dB	≥15dB	≥15dB@757.5MHz±4MHz ≥15dB@787.5MHz±1.5MHz	5W	N-F	270mm x 150mm x 95mm
AP-CF2-15N-V2	757.5	757-758MHz 787-788MHz	≤3.0dB ≤1.0dB	≥15dB	≥15dB@757.5MHz±1.5MHz ≥15dB@787.5MHz±4MHz	5W	N-F	270mm x 150mm x 95mm
AP-CF2-757M788M-15NV2	757.5	757-758MHz 787-788MHz	≤3.0dB ≤1.0dB	≥15dB	≥15dB@757.5MHz±1.5MHz ≥15dB@787.5MHz±4MHz	5W	N-F	482.6mm x 150mm x 43.6mm
AP-CF2-757M788M-15NV1	775.5	775-758MHz 787-788MHz	≤1.0dB ≤3.0dB	≥15dB	≥15dB@757.5MHz±4MHz ≥15dB@787.5MHz±1.5MHz	5W	N-F	482.6mm x 150mm x 43.6mm
AP-CF1-787M788M-SV1	787.5	787-788MHz	≤3.0dB	≥15dB	≥15dB@787.5MHz±1.5MHz ≥90dB@787.5MHz± 312.5MHz	5W	N-F	263mm x 150mm x 43.6mm
AP-CF1-791M821M-60S	806	791-821MHz	≤1.0dB	≥15dB	≥60dB@832MHz	1W	SMA-F	110mm x 100mm x 42mm

Model Number	F0 (MHz)	Frequency Range	Insertion Loss	Return Loss	Rejection	Power (CW)	Connector	Size(L x W x H)
AP-CF1-824M835M-40QMA	829.5	824-835MHz	≤3.0dB	≥15dB	≥40dB@869-879MHz	2W	QMA-F	60mm x 60mm x 35mm
AP-CF1-860M870M-40NWP	866.5	863-870MHz	≤2.0dB	≥18dB	≥40dB@DC-850MHz ≥40dB@876-2700MHz	5W	In: N-F Out: N-M	120mm x 75mm x 41mm
AP-CF1-864M872M-80S	868	864-872MHz	≤1.0dB	≥20.8dB	≥80dB@721-735MHz	30W	SMA-F	54mm x 54mm x 38mm
AP-CF1-869M879M-40QMA	874	869-879MHz	≤3.0dB	≥15dB	≥40dB@824-835MHz	2W	QMA-F	60mm x 60mm x 35mm
AP-CF1-GSMR-40S	887	885-889MHz	≤2.0dB	≥19dB	≥27dB@f0±5MHz ≥40dB@909.5 ~ 930MHz ≥70dB@930~934MHz	50W	SMA-F	152mm x72mm x 40mm
AP-TF-GSMR-02DN	887	885-889MHz 930-934MHz	≤1.0dB	≥17dB	≥40dB@DC-875MHz ≥40dB@899-920MHz ≥40dB@940-2000MHz	100W	P1-P3:DIN(7 /16)-F P2-P4:DIN(7 /16)-M	293mm x 100mm x 44mm
AP-CF-898-PB35	897.5	880-915MHz	≤2.0dB	≥14dB	≥40dB@DC-870MHz ≥40dB@925-2300MHz	50W	N-F	AP-CF-898-PB35
AP-CF1-880M915M-40QMA	897.5	880-915MHz	≤3.0dB	≥15dB	≥40dB@925-960MHz	2W	QMA-F	100mm x 55mm x 33mm
AP-CF1-890M915M-S25	897.5	890-915MHz	≤2.0dB	≥15dB	≥30dB@869-885MHz	50W	SMA-F	100mm x 65mm x 36mm
AP-CF1-896M915M-45S	905.5	896-915MHz	≤1.7dB	≥17dB	≥45dB@DC-890MHz ≥45dB@925-3800MHz	10W	SMA-F	96mm x 66mm x 36mm
AP-CF1-902M928M-03N	915	902-928MHz	≤1.5dB	≥14dB	≥30dB@896MHz ≥30dB@934MHz ≥70dB@5~875MHz ≥70dB@955~2000MHz	90W	N-F	177.8mm x 76.2mm x 21.8mm
AP_TF-GSM39-Q6	940.5	921-960MHz	≤1.0dB	≥18dB	≥20dB@911MHz ≥20dB@970MHz	10W	SMA-M	165mm x 80mm x25.5mm
AP-CF1-925M960M-60S	942.5	925-960MHz	≤1.0dB	≥15dB	≥60dB@915MHz	1W	SMA-F	110mm x 100mm x 42mm
AP-CF1-925M960M-40QMA	942.5	925-960MHz	≤3.0dB	≥15dB	≥40dB@880-915MHz	2W	QMA-F	100mm x 55mm x 33mm
AP-CF1-1020M1040M-40NF	1030	1020-1040MHz	≤0.5dB	≥20dB	≥40dB@1080-4000MHz	100W	N-F	117mm x 90mm x 30mm
AP-CF1-1020M1040M-40NS	1030	1020-1040MHz	≤0.6dB	≥18dB	≥40dB@DC-980 MHz ≥40dB@1080-3000 MHz	20W	Input: N-M Output: SMA-F	100mm x 50mm x 28mm

Model Number	F0 (MHz)	Frequency Range	Insertion Loss	Return Loss	Rejection	Power (CW)	Connector	Size(L x W x H)
AP-CF1-1020M1040M-40NSF	1030	1020-1040MHz	≤1.0dB	≥14dB	≥40dB@DC-1008MHz ≥40dB@1053-3000MHz	1W	IN: N-F OUT: SMA-F	91mm x 52mm x 32mm
AP-CF1-1080M1100M-40NS	1090	1080-1100MHz	≤0.5dB	≥18dB	≥40dB@DC-1040MHz ≥40dB@1140-3000MHz	1W	Input: N-M Output: SMA-F	100mm x 50mm x 28mm(56.0mm Max)
AP-CF1-1080M1100M-40NF3	1090	1080-1100MHz	≤1.0dB	≥15dB	≥40dB@DC-1065MHz ≥ 40dB@1113MHz-3000MHz	15W	N-F	110mm x 60mm x 38mm
AP-CF1-1080M1100M-40NS2	1090	1080-1100MHz	≤1.0dB	≥18dB	≥40dB@DC-1067MHz ≥ 40dB@1111MHz-3000MHz	10W	Input: N-F Output: SMA-F	110mm x60mm x 38mm
AP-CF1-1086M1094M-80S	1090	1086-1094MHz	≤0.5dB	≥20dB	≥80dB@921-960MHz	30W	SMA-F	54mm x 54mm x 32mm
AP-CF1-1176M1177M-20NS	1176.5	1176-1177MHz	≤12dB	≥14dB	≥20dB@1175MHz ≥20dB@1178MHz	20W	Input: N-F Output: SMA-F	133 mm x Max56 mm x 28mm
AP-CF1-1427M1518M-80N	1472.5	1427-1518MHz	≤1.0dB	≥15dB	≥80dB@DC-1400MHz ≥50dB@1700-6000MHz	50W	N-F	130mm x 60mm x 29mm
AP-CF1-1574M1575M-20NS	1575.4 2	1574.92-1575.92M Hz	≤14dB	≥13dB	≥20dB@1573.92MHz ≥20dB@1576.92MHz	20W	Input: N-F Output: SMA-F	133 mm x Max56 mm x 28mm
AP-CF1-1710M1785M-40QMA	1747.5	1710-1785MHz	≤3.0dB	≥15dB	≥40dB@1805-1880MHz	2W	QMA-F	78mm x 50mm x 24mm
AP-CF1-1790M1800M-23NWP	1795	1790-1800MHz	≤2.0dB	≥14dB	≥23dB@1805-1900MHz	15W	N-F	96mmx66mmx35mm
AP-CF1-1805M1880M-60S	1842.5	1805-1880MHz	≤0.8dB	≥15dB	≥60dB@1785MHz ≥60dB@1920MHz	1W	SMA-F	110mm x 100mm x 42mm
AP-CF1-1805M1880M-40QMA	1842.5	1805-1880MHz	≤3.0dB	≥15dB	≥40dB@1710-1785MHz	2W	QMA-F	78mm x 50mm x 24mm
AP-CF1-1881.5M1884.5M-S40	1883	1881.5-1884.5MHz	≤3.8dB	≥14dB	>30dB@1878MHz >30dB@1888MHz	50W	SMA-F	74mm x 60mm x 29mm
AP-CF1-1300M2600M-40S	1950	1300-2600MHz	≤0.8dB	≥11dB	≥48dB@DC-1100MHz ≥39dB@1100-1150MHz ≥25dB@1150-1200MHz ≥55dB@2800-6000MHz	50W	N-F	184mm x 32mm x 31mm

Model Number	F0 (MHz)	Frequency Range	Insertion Loss	Return Loss	Rejection	Power (CW)	Connector	Size(L x W x H)
AP-CF1-1920M1980M-40QMA	1950	1920-1980MHz	≤3.0dB	≥15dB	≥40dB@2110-2170MHz	2W	QMA-F	55mm x 55mm x 33mm
AP-CF1-1980M2010M-60N	1995	1980-2010MHz	≤0.5dB	≥15dB	≥60dB@2170-2290MHz	50W	N-F	105mm x 68mm x 33mm
AP-CF1-1980M2120M-60N	2050	1980-2120MHz	≤0.5dB	≥15dB	≥60dB@2170-2290MHz	50W	N-F	120mm x 68mm x 33mm
AP-CF1-2025M2110M-60N	2067.5	2025-2110MHz	≤0.5dB	≥15dB	≥60dB@2170-2290MHz	50W	N-F	105mm x 68mm x 33mm
AP-CF1-2110M2170M-60S	2140	2110-2170MHz	≤0.5dB	≥15dB	≥60dB@1970MHz ≥60dB@2400MHz	1W	SMA-F	78mm x 60mm x 33mm
AP-CF1-2110M2170M-40QMA	2140	2110-2170MHz	≤3.0dB	≥15dB	≥40dB@1920-1980MHz	2W	QMA-F	55mm x 55mm x 33mm
AP-CF1-1980M2098M-60N	2189	1980-2398MHz	≤1.0dB	≥15dB	≥60dB@2110-2170MHz	50W	N-F	175mm x 75mm x 35mm
AP-CF1-2170M2290M-60N	2230	2170-2290MHz	≤0.5dB	≥15dB	≥60dB@1980-2120MHz	50W	N-F	120mm x 68mm x 33mm
AP-CF1-2180M2300M-60N	2240	2180-2300MHz	≤1.0dB	≥15dB	≥60dB@2110-2170MHz	50W	N-F	225mm x 100mm x 35mm
AP-CF1-2300M2400M-60S	2350	2300-2400MHz	≤1.2dB	≥18dB	≥60dB@2200MHz ≥50dB@2450MHz	50W	SMA-F	100mm x 45mm x 31mm
AP-CF1-2.4G2.5G-85S	2450	2400-2500MHz	≤0.8dB	≥18dB	≥40dB@DC-2370MHz ≥40dB@2530-2700MHz ≥85dB@2700-6000MHz	80W	SMA-F	110mm x 50.8mm x 19mm
AP-CF1-2.4G2.5G-60S	2450	2400-2500MHz	≤1.2dB	≥18dB	≥60dB@2300MHz ≥45dB@2550MHz	50W	SMA-F	100mm x 55mm x 31mm
AP-CF1-2405M2495M-30NWP	2450	2405-2495MHz	≤0.8dB	≥16dB	≥50dB@DC-2370MHz ≥30dB@2370-2390MHz ≥30dB@2510-2530MHz ≥50dB@2530-6000MHzdB	100W	N-F	143mm x 64mm x 35mm
AP-CF2-2300M2620M-60S4	2460	2300-2400MHz 2570-2620MHz	≤1.0dB ≤1.6dB	≥18dB	≥60dB@DC-2200MHz ≥55dB@2496MHz ≥30dB@2555MHz ≥30dB@2635MHzdB	50W	SMA-F	91mm x 59mm x 24.5mm
AP-CF2-2300M2690M-30S5	2495	2300-2400MHz 2496-2690MHz	≤1.2dB	≥18dB	≥55dB@700-2200MHz ≥30dB@2420-2470MHz	50W	SMA-F	91mm x 59mm x 24.5mm
AP-CF1-2500M2570M-45S	2535	2500-2570MHz	≤2.4dB	≥18dB	≥45dB@DC-2450MHz ≥20dB@2575-3800MHz	30W	SMA-F	67mm x 35.5mm x 24.5mm

Model Number	F0 (MHz)	Frequency Range	Insertion Loss	Return Loss	Rejection	Power (CW)	Connector	Size(L x W x H)
AP-CF1-2500M2570M-40QMA	2535	2500-2570MHz	≤3.0dB	≥15dB	≥40dB@2620-2690MHz	2W	QMA-F	67mm x 50mm x 33mm
AP-CF1-2550M2590M-N5	2570	2550-2590MHz	≤1.0dB	≥18dB	≥40dB@2540MHz ≥20dB@2600MHz	30W	Input: N-M Output: N-F	158mm x 86mm x 44.5mm
AP-CF1-2570M2615M-20S	2592.5	2570-2615MHz	≤1.2dB	≥18dB	≥60dB@2530MHz ≥20dB@2620MHz	50W	SMA-F	108mm x 98mm x 34mm
AP-CF1-2500M2690M-70S	2595	2500-2690MHz	≤1.5dB	≥15dB	≥70dB@2400MHz ≥70dB@3000MHz	50W	SMA-F	95mm x 50mm x 24mm
AP-CF1-2620M2690M-60S	2655	2620-2690MHz	≤0.4dB	≥15dB	≥60dB@2570MHz	1W	SMA-F	90mm x 60mm x 33mm
AP-CF1-2620M2690M-40QMA	2655	2620-2690MHz	≤3.0dB	≥15dB	≥40dB@2500-2570MHz	2W	QMA-F	67mm x 50mm x 33mm
AP-CF1-2718M2722M-40S	2720	2718-2722MHz	≤2.2dB	≥14dB	≥40dB@DC-2711MHz ≥40dB@2729-6000MHzdB	10W	SMA-F	185 mm x 81mm x 18mm
AP-CF1-2718M2722M-65S	2720	2718-2722MHz	≤4.0dB	≥14dB	≥65dB@DC-2711MHz ≥65dB@2729-6000MHz	10W	SMA-F	185 mm x 81mm x 18mm
AP-CF1-2818M2822M-40S	2820	2818-2822MHz	≤2.2dB	≥14dB	≥40dB@DC-2811MHz ≥40dB@2829-6000MHz	10W	SMA-F	185 mm x 81mm x 18mm
AP-CF1-2818M2822M-65S	2820	2818-2822MHz	≤4.0dB	≥14dB	≥65dB@DC-2811MHz ≥65dB@2829-6000MHz	10W	SMA-F	185 mm x 81mm x 18mm
AP-CF1-2668M3132M-65S	2900	2668-3132MHz	≤4dB	≥14dB	≥65dB@DC-2618MHz ≥ 65dB@3182MHz-6000MHz	50W	SMA-F	120 mm x 40mm x 21.5mm
AP-CF1-25003500-11J	3000	2500-3500MHz	≤0.7dB	≥12dB	≥55dB@0-1.7GHz ≥55dB@3.8-5.5GHz	10W	SMA-F	162.6mm x 24mm x 28mm
AP-CF1-2800M3400M-9J40	3100	2800-3400MHz	≤1.2dB	≥12dB	≥40dB@DC-2600MHz ≥40dB@3700-10000MHz	50W	SMA-F	80mm x 20mm x 12mm
AP-CF1-2800M3500M-10J40	3150	2800-3500MHz	≤1.2dB	≥12dB	≥35dB@DC-2600MHz) ≥40dB@3700-10000MHz	50W	SMA-F	80mm x 20mm x 12mm
AP-CF1-2900M4100M-66S	3500	2900-4100MHz	≤0.3dB	≥11.7dB	≥66dB@2000MHz ≥58dB@5000MHz	10W	SMA-F	68.33 mm x36.07 mm x 14.98mm
AP-CF1-3300M3800M-S602	3550	3300-3800MHz	≤0.9dB	≥15dB	≥60dB@703-2690MHz ≥60dB@4000-6000MHz ≥13dB@3200MHz ≥25dB@3900MHz	50W	Input: SMA-F Output: N-F	80mm x 40mm x 23mm
AP-CF1-3400M3700M-50N	3550	3400-3700MHz	≤1.0dB	≥15dB	≥50dB@DC-3200MHz ≥50dB@3900-6000MHz	50W	N-F	95mm x 50mm x 25mm

Model Number	F0 (MHz)	Frequency Range	Insertion Loss	Return Loss	Rejection	Power (CW)	Connector	Size(L x W x H)
AP-CF1-3550M3700M-45S	3625	3550-3700MHz	≤1.5dB	≥15dB	≥45dB@3340MHz ≥45dB@3800MHz	10W	SMA-F	100mm x 80mm x 26mm
AP-CF1-3.58G3.7G-56S	3640	3580-3700MHz	≤1.0dB	≥15dB	≥55dB@0-2.5GHz ≥55dB@5.5-8GHz	10W	SMA-F	108mm x 33mm x 16mm
AP-CF1-3.7G3.8G-55S	3750	3700-3800MHz	≤1.0dB	≥15dB	≥55dB@0-2.5GHz ≥55dB@5.5-8GHz	50W	SMA-F	108mm x 33mm x 16mm
AP-CF1-3.4G4.8G-13J	4100	3400-4800MHz	≤1.0dB	≥12dB	≥55dB@DC-2.7GHz ≥55dB@5.15-8.0GHzdB	10W	SMA-F	132.2mm x 25mm x 18mm
AP-CF1-3500S000-11J	4250	3500-5000MHz	≤3.0dB	≥12dB	≥55dB@0-2.5GHz ≥55dB@5.5-8GHz	10W	SMA-F	105.35mm x 17mm x 25mm
AP-CF1-4967M5012M-70S	4985	4957.5-5012.5MHz	≤0.5dB	≥18dB	≥70dB@4850 MHz ≥70dB@5130 MHz	10W	SMA-F	100mmx65mmx22mm
AP-CF1-3900M6100M-63S	5000	3900-6100MHz	≤0.3dB	≥11.7dB	≥63dB@2500MHz ≥53dB@7500MHz	50W	SMA-F	62.74 mm x 29.72 mm x 14.98 mm
AP-CF1-5100M5900M-60S	5500	5100-5900MHz	≤0.5dB	≥15dB	≥60dB@6200MHz	50W	SMA-F	95mm x 50mm x 22mm
AP-CF1-5350M5650M-9S70	5500	5350-5650MHz	≤1.8dB	≥14dB	≥70dB@5000MHz ≥74dB@6000MHz	5W	2-φ 0.38*1.27	38.43mm x 18.75mm x 6.35mm
AP-CF1-4950M6150M-18S60	5550	4950-6150MHz	≤1.5dB	≥12dB	≥60dB@DC-4400MHz ≥60dB@6800-12350MHz	5W	2-φ0.38	45mm x 18.05mm x 8.5mm
AP-CF1-5470M5730M-10NWP	5600	5470-5730MHz	≤1.0dB	≥15dB	≥65dB@0-4880 MHz ≥45dB@4880-5200 MHz ≥10dB@5200-5400 MHz ≥10dB@5800-6000 MHz ≥45dB@6000 MHz	10W	N-F	95mm x 78mm x 30mm
AP-CF1-5677M5702M-S6	5690	5677.5-5702.5MHz	≤5.5dB	≥11.7dB	≥5dB@5660-5670 MHz ≥10dB@5650-5660 MHz ≥15dB@5640-5650 MHz ≥50dB@5605-5640 MHz ≥80dB@5605MHz ≥5dB@5710-5720 MHz ≥10dB@5720-5730 MHz ≥15dB@5730-5740 MHz ≥50dB@5740-5775 MHz ≥80dB@5775-12000 MHz	10W	MCX-F	78mm x 22mm x 9mm
AP-CF1-5677M5702M-S6	5698.5	5677-5720MHz	≤5.5dB	≥11.7dB	≥80dBatFc-85MHz Fc+85MHzto12GHz	10W	MCX-F	78mm x 22mm x 9mm
AP-CF1-5735M5815M-40S	5775	5735-5815MHz	≤1.5dB	≥16dB	≥40dB@5690 MHz ≥40dB@5835 MHz	4W	SMA-F	95mmx50mmx22mm

Model Number	F0 (MHz)	Frequency Range	Insertion Loss	Return Loss	Rejection	Power (CW)	Connector	Size(L x W x H)
AP-CF1-5720M5855M-50NWP	5787.5	5720-5855MHz	≤1.0dB	≥15dB	≥80dB@1000-4000 MHz ≥50dB@5500 MHz ≥50dB@6100 MHz	10W	N-F	82mm x 78mm x 30mm
AP-CF1-5725M5875M-40S	5800	5725-5875MHz	≤1.2dB	≥18dB	≥40dB@5600MHz ≥40dB@6000MHz	50W	SMA-F	75mm x 50mm x 22mm
AP-CF1-5900M6100M-8S68	6000	5900-6100MHz	≤1.6dB	≥14dB	≥68dB@5000MHz ≥73dB@7000MHz	5W	2-φ 0.38*1.27	28.91mm x 18.75mm x 6.35mm
AP-CF1-5800M7050M-19S60	6425	5800-7050MHz	≤1.5dB	≥12dB	≥60dB@DC-5400MHz ≥60dB@7500-14150MHz	5W	2-φ0.38	45mm x 18.05mm x 8.5mm
AP-CF1-6700M7950M-20S12	7325	6700-7950MHz	≤1.5dB	≥12dB	≥60dB@DC-6300MHz ≥60dB@8350-15950MHz	5W	2-φ0.38	45mm x 18.05mm x 8.5mm
AP-CF1-7G8G-10S40	7500	7000-8000MHz	≤0.9dB	≥11.7dB	≥40-50dB@6000MHz ≥40dB@9500MHz	5W	2-φ 0.38mm*1.2 7mm	30.48mm x 15.24mm x 6.35mm
AP-CF1-7.2G7.8G-S8	7500	7200-7800MHz	≤1.0dB	≥18dB	≥75dB@DC-6300 MHz ≥80dB@8700-15000 MHz	10W	SMA(3.5mm))-F SMA(3.5mm))-M	88mm x 20mm x 13mm
AP-CF1-7250M7750M-PIN15	7500	7250-7750MHz	≤2.0dB	≥12.4dB	≥60dB@3850-5350MHz ≥20dB@7900-8000MHz ≥30dB@8000-8100MHz ≥45dB@8100-8400MHz	/	RF PIN: 2-φ 0.457mm*1. 77mm	59mm x 20mm x 9mm
AP-CF1-7.9G8.4G-S50	8150	7900-8400MHz	≤0.5dB	≥15dB	≥50dB@7.25-7.75GHz	1W	SMA-F	91mm x 42mm x 13.5mm
AP-CF1-7.9G8.4G-30S	8150	7900-8400MHz	≤2.0dB	≥12dB	≥30dB@6.5-7.75GHz	1W	SMA-F	79.3mm x 13.1mm x 8.7mm
AP-CF1-7600M8800M-21S11	8200	7600-8800MHz	≤1.5dB	≥12dB	≥60dB@DC-7200MHz ≥60dB@9200-17650MHz	5W	2-φ0.38	45mm x 18.05mm x 8.5mm
AP-CF1-8280M8500M-70S	8390	8280-8500MHz	≤1.0dB	≥15.6dB	≥70dB@DC-8100 MHz ≥70dB@8700-9100 MHz	50W	SMA-F	88mmx44mmx13mm
AP-CF1-7000M101100M-14J58	8550	7000-10100MHz	≤0.5dB	≥11.7dB	≥58dB@6000MHz ≥53dB@11100-17955MHz	10W	SMA-F	49.17mm x 14.86mm x 12.7mm
AP-CF1-7950M9550M-15S75	8750	7950-9550MHz	≤2.0dB	≥12dB	≥75dB@7300MHz ≥75dB@10200MHz	5W	2-φ0.38	53mm x 15.24mm x 6.35mm
AP-CF1-8350M9750M-7S87	9050	8350-9750MHz	≤1.0dB	≥11.7dB	≥87dB@7512.5MHz ≥90dB@10687.5MHz	5W	2-φ 0.38*1.27	47.75mm x 14.38mm x 6.35mm
AP-CF1-8450M9650M-22S12	9050	8450-9650MHz	≤1.5dB	≥12dB	≥60dB@DC-8050MHz ≥60dB@10050-19350MHz	5W	2-φ0.38	45mm x 15mm x 6.5mm

Model Number	F0 (MHz)	Frequency Range	Insertion Loss	Return Loss	Rejection	Power (CW)	Connector	Size(L x W x H)
AP-CF1-8.9G9.5G-S7	9200	8900-9500MHz	≤1.7dB	≥14dB	≥25dB@8700MHz ≥25dB@9700MHz ≥60dB@8200MHz ≥60dB@10200MHz	5W	2-φ0.37	44.24mm x 13.97mm x 7.75mm
AP-CF1-9G9.6G-50S	9300	9000-9600MHz	≤0.5dB	≥15dB	≥30dB@0-6500MHz ≥40dB@6500-7100MHz ≥40dB@7100-8500MHz ≥40dB@10000-11000MHz ≥30dB@12000-18000MHz ≥60dB@18000-19200MHz	20W	SMA-F	57.2mm x 11mm x 16mm
AP-CF1-9075M9925M-4S43	9500	9075-9925MHz	≤1.2dB	≥14dB	≥40dB@8756MHz ≥43dB@10243MHz	5W	2-φ0.38*1.3	40.13mm x 13.97mm x 6.35mm
AP-CF1-9400M9600M-S4	9500	9400-9600MHz	≤1.0dB	≥14dB	≥50dB@7400MHz ≥70dB@5200-5400MHz ≥70dB@16600-16800MHz	10W	Microstrip needle φ0.5×2mm	52mm x 15mm x 12mm
AP-CF1-9.25G9.75G-S9	9500	9250-9750MHz	≤2.0dB	≥14dB	≥29dB@9.1GHz ≥34dB@9.9GHz	/	RF PIN: 2-φ 0.38mm*1.2 7mm	49.53mm x 13.97mm x 6.35mm
AP-CF1-9300M10600M-23S12	9950	9300-10600MHz	≤1.5dB	≥12dB	≥60dB@DC-8850MHz ≥60dB@11050-21250MHz	5W	2-φ0.38	45mm x 15mm x 6.5mm
AP-CF1-9.5G10.5G-9S75	10000	9500-10500MHz	≤2.0dB	≥12dB	≥75dB@8500MHz ≥75dB@11500MHz	5W	2-φ0.38	37mm x 15mm x 6.5mm
AP-CF1-9400M10800M-3S90	10100	9400-10800MHz	≤1.0dB	≥12dB	≥87dB@8562.5MHz ≥90dB@11737.5MHz	5W	2-φ 0.38*1.27	49.15mm x 13.97mm x 6.35mm
AP-CF1-8G12.5G-15J45	10250	8000-12500MHz	≤2.0dB	≥9.5dB	≥45dB@7300MHz ≥45dB@13200MHz	10W	SMA-F	50mm x 18mm x 7.5mm
AP-CF1-9.45G11.05G-12J75	10250	9450-11050MHz	≤2.0dB	≥12dB	≥75dB@8800MHz ≥75dB@11700MHz	5W	2-φ0.38	48mm x 15mm x 6mm
AP-CF1-9.9G10.8G-S6	10350	9900-10800MHz	≤1.0dB	≥15.6dB	≥50dB@8.35GHz ≥50dB@12.35GHz	2W	SMA-F	52.6mm x 12.7mm x 11.9mm
AP-CF1-10460M11260M-39J	10860	10460-11260MHz	≤1.3dB	≥14dB	≥39dB@10100MHz ≥30dB@11500MHz	5W	2-φ0.38*1.3	38.35 mm x13.97 mm x 6.35mm
AP-CF1-10250M11550M-24S11	10900	10250-11550MHz	≤1.5dB	≥12dB	≥60dB@DC-9750MHz ≥60dB@12050-23150MHz	5W	2-φ0.38	45mm x 15mm x 6.5mm
AP-CF1-10950M12550M-16S75	11750	10950-12550MHz	≤2.0dB	≥12dB	≥75dB@10300MHz ≥75dB@13200MHz	5W	2-φ0.38	52.14mm x 13.1mm x 6.35mm
AP-CF1-11200M12550M-25S11	11875	11200-12550MHz	≤1.5dB	≥12dB	≥60dB@DC-10700MHz ≥60dB@13050-25150MHz	5W	2-φ0.38	45mm x 15mm x 6.5mm

Model Number	F0 (MHz)	Frequency Range	Insertion Loss	Return Loss	Rejection	Power (CW)	Connector	Size(L x W x H)
AP-CF1-10587.5M13187.5M-4S90	11887.5	10587.5-13187.5M Hz	≤0.5dB	≥11.7dB	≥60dB@6568.75MHz ≥60dB@15956.25MHz	10W	SMA-F	35.76mm x 12.7mm x 12.7mm
AP-CF1-11500M12500M-26S9	12000	11500-12500MHz	≤1.3dB	≥12dB	≥45dB@11000MHz ≥49dB@13000MHz	5W	2-φ0.38	40mm x 14mm x 6.4mm
AP-CF1-11.8G12.2G-42PIN	12000	11800-12200MHz	≤1.1dB	≥14dB	≥39dBc@10500MHz ≥42dBc@13500MHz	5W	2-φ0.38*1.3	24.13mm x 13.97mm x 6.35mm
AP-CF1-12831M13419M-6S47	13125	12831-13419MHz	≤1.5dB	≥14dB	≥47dB@12125MHz ≥50dB@14125MHz	1W	2-φ 0.38*1.27	32.08mm x 13.97mm x 6.35mm
AP-CF1-12.7G14.9G-42PIN	13800	12700-14900MHz	≤0.8dB	≥11.7dB	≥139dBc@11400MHz ≥42dBc@16450MHz	5W	2-φ0.38*1.3	32.14mm x 13.97mm x 7.87mm
AP-CF1-13.75G14.5G-30S1	14125	13750-14500MHz	≤1.5dB	≥18dB	≥70dB@DC-12800MHz ≥30dB@14700-15450MHz ≥70dB@15450MHz	10W	SMA-F / SMA-M	88.2mm x 15.0mm (Max) x 10.2mm
AP-CF1-13.7G14.8G-58PIN	14250	13700-14800MHz	≤1.3dB	≥14dB	≥18dBc@13375MHz ≥58dBc@16000MHz	5W	2-φ 0.38mm*1.3 mm	35.26mm x 13.97mm x 6.35mm
AP-CF1-14.5G15.3G-S6	14900	14500-15300MHz	≤2.0dB	≥14dB	≥50dB@13.3GHz ≥50dB@16.5GHz	10W	SMA-M SMA-F	56.6mm x 10mm x 12.7mm
AP-CF1-15450M16550M-3S62	16000	15450-16550MHz	≤1.9dB	≥14dB	≥62dB@14838MHz ≥66dB@17161MHz	5W	2-φ0.38*1.3	44.78mm x 13.97mm x 6.35mm
AP-CF1-16450M17550M-2S62	17000	16450-17550MHz	≤2.0dB	≥14dB	≥62dB@15858MHz ≥66dB@18161MHz	5W	2-φ0.38*1.3	46.36mm x 13.97mm x 6.35mm
AP-CF1-15.9G20.1G-50S1	18000	15900-20100MHz	≤ 1.0dB@3 GHz BW ≤ 3.0dB@4. 2GHz BW	≥12.7dB	≥50dB@9.75GHz ≥50dB @ 24.75GHz	1W	SMA-F	39mm (57.8mm) x 18.5mm
AP-CF1-18G24G-9J	21000	18000-24000MHz	≤1.5dB	≥9.5dB	≥50dB@DC-15GHz ≥50dB@28GHz	1W	PIN: φ 0.49mm*1.9 mm or 2.92mm_F	40.2mm x 18.5mm x 13mm
AP-CF1-20.95G23.05G-9J	22000	20950-23050MHz	≤1.5dB	≥11.7dB	≥35dB@20GHz ≥35dB@24GHz ≥50dB@46GHz	2W	SMA(2.92m m)-F SMA(2.92m m)-M	48.2mm x 17.5mm x 7mm

Model Number	F0 (MHz)	Frequency Range	Insertion Loss	Return Loss	Rejection	Power (CW)	Connector	Size(L x W x H)
AP-CF1-21G23G-9J	22000	20950-23050MHz	≤1.5dB	≥11.7dB	≥35dB@20.2GHz ≥35dB@23.8GHz ≥50dB@46GHz	2W	SMA(2.92m m)-F SMA(2.92m m)-M	48.2mm x 17.5mm x 7mm
AP-CF1-22.5G23.5G-S7	23000	22500-23500MHz	≤2.0dB	≥14dB	≥50dB@21.5GHz ≥50dB@24.5GHz	10W	SMA(2.92m m)-M SMA(2.92m m)-F	43.4mm x 7mm x 12.7mm
AP-CF1-21.5G25G-9J	23250	21500-25000MHz	≤1.0dB	≥11.7dB	≥40dB@DC-18.8GHz ≥40dB@26.9-37.5GHz	2W	SMA(2.92m m)-F SMA(2.92m m)-M	40.6mm x 17.5mm x 7mm
AP-CF1-24.25G27.5G-S13	25875	24250-27500MHz	≤1.5dB	≥18dB	≥50dB@DC-23GHz ≥30dB@23-23.875GHz ≥30dB@27.875-29GHz ≥50dB@29-43GHz	10W	SMA(2.92m m)-F	62.81mm x 8mm x 18.5mm
AP-CF1-22G30G-11J	26000	22000-30000MHz	≤2.0dB	≥11.7dB	≥40dB@DC-19.5GHz ≥40dB@33-45GHz	2W	SMA(2.92m m)-F SMA(2.92m m)-M	40.2mm x 17.5mm x 7mm
AP-CF1-22G40G-15J	31000	22000-40000MHz	≤1.5dB	≥9.5dB	≥40dB@DC-19.5 Hz ≥40dB@44GHz	2W	SMA(2.92m m)-F SMA(2.92m m)-M	43.4mm x 17.5mm x 7.5mm
AP-CF1-30G33G-S7	31500	30000-33000MHz	≤2.0dB	≥15dB	≥60dB@37000-43000MHz	10W	SMA(2.92m m)-F	39.6mm x 13mm x 8mm
AP-CF1-24G40G-9J	32000	24000-40000MHz	≤1.5dB	≥9.5dB	≥45dB@DC-20GHz	1W	PIN: φ 0.49mm*1.9 mm or 2.92mm_F	30.6mm x 18.5mm x 13mm
AP-CF1-24G40G-9J45	32000	24000-40000MHz	≤1.5dB	≥905dB	≥45dB@DC-20GHz	10W	2.92mm-F	30.6mm x 18.5mm x 7mm
AP-CF1-33G36G-S7	34500	33000-36000MHz	≤1.0dB	≥15dB	≥60dB@42000-50000MHz	10W	SMA(2.92m m)-F	39.6mm x 13mm x 8mm
AP-CF1-30G40G-15J	35000	30000-40000MHz	≤2.0dB	≥10.2dB	≥30dB@DC-29GHz ≥30dB@41GHz	10W	SMA(2.92m m)-F	51mm x 17.5mm x 7.5mm
AP-CF1-36G39G-S7	37500	36000-39000MHz	≤2.0dB	≥15dB	≥60dB@44000-50000MHz	10W	SMA(2.92m m)-F	39.6mm x 13mm x 8mm
AP-CF1-40G41G-S7	40500	40000-41000MHz	≤2.0dB	≥15dB	≥60dB@DC-39000MHz ≥60dB@42000-55000MHz	10W	SMA(2.92m m)-F	39.6mm x 13mm x 8mm

LC Filters

Model Number	Type	Frequency Range	Insertion Loss	Return Loss	Rejection	Power (CW)	Connector	Size(L x W x H)
AP-LCF-98-20	Bandpass	87.5-108MHz	≤2.0dB	≥15dB	≥60dB@DC-53MHz&143-500MHz	20W	SMA-F	50mm x 20mm x 15mm
AP-LCF1-174M240M-2S70	Bandpass	174-240MHz	≤3.0dB	≥15dB	≥80dB@88-108MHz ≥70dB@150MHz	2W	SMA-F	50mm x 20mm x 15mm
AP-LCF1-200M500M-50SF	Bandpass	200-500MHz	≤0.7dB	≥14dB	≥30dBc@DC-170MHz ≥30dBc@700-2000MHz	1W	SMA-50F	50mm x 20mm x 15mm
AP-LCF-227.5-25	Bandpass	202-240MHz	≤2.0dB	≥16dB	≥32dB@DC-174MHz ≥60dB@380-470MHz	5W	SMA-F	50mm x 20mm x 15mm
AP-LCF1-270M310M-26NF	Bandpass	270-310MHz	≤1.5dB	≥14dB	≥26dBc@DC~155MHz&340MHz ≥30dBc@380-395MHz	10W	N- F	50mm x25mm x 20mm
AP-LCF1-350M360M-26NF	Bandpass	350-360MHz	≤2.5dB	≥14dB	≥26dBc@DC~180MHz&700MHz ≥30dBc@380-395MHz	10W	N- F	50mm x25mm x 20mm
AP-LCF1-2.7G18G-45S	Bandpass	2700-18000Hz	≤2.0dB	-	≥40dB@DC-2.25GHz, ≥45dB@19-25GHz	15W	SMA-F	55mm x 30mm x 10mm
AP-LCC2-66M470M-40N	Combiner	66-180MHz 380-470MHz	≤1.0dB	≥15dB	≥40dB@380-470MHz ≥40dB@66-180MHz	50W	N- F	60mm x 66mm x 22mm
AP-LCC2-130M2700M-30NF	Combiner	130-480MHz 680-2700MHz	≤1.0dB	-	-	20W	N- F	60mm x 40mm x 25mm
AP-LCC2-140M3500M-4310F40	Combiner	140-180MHz 380-3500MHz	≤1.0dB	≥15dB	≥40dB@380-3500MHz ≥40dB@140-180MHz	20W	4.3-10/F	65mm x 78mm x 30mm
AP-LCC5-758M2170M-S20	Combiner	780.5MHz 875MHz 942.5MHz 1847.5MHz 2140MHz	≤3.0dB ≤3.0dB ≤3.0dB ≤2.0dB ≤2.0dB	≥15dB	-	1W	SMA-F	70mm x 40mm x 14mm

Highpass Filters

Model Number	Passband Frequency	Insertion Loss	Rejection	VSWR
AP-HPF1-1G18G-01	1000-18000MHz	2.0dB	60dB@DC-0.8GHz	2
AP-HPF1-1.1G9G-02	1100-9000MHz	2.0dB	60dB@DC-9.46GHz	2
AP-HPF1-1.2G13G-03	1200-1300MHz	2.0dB	40dB@0.96-1.01GHz,50dB@DC-0.96GHz	2
AP-HPF1-1.5G14G-04	1500-14000MHz	1.5dB	50dB@DC-1.17GHz	1.5
AP-HPF1-1.6G12.75G-05	1600-12750MHz	1.5dB	40dB@DC-1.1GHz	1.8
AP-HPF1-12G18G-06	2000-18000MHz	2.0dB	45dB@DC-1.8GHz	1.8
AP-HPF1-2.4835G18G-07	24835-18000Hz	2.0dB	60dB@DC-1.664GHz	2
AP-HPF1-12.5G18G-08	12500-18000MHz	1.5dB	40dB@DC-2.0GHz	1.6
AP-HPF1-2.65G7.5G-09	2650-7500MHz	1.8dB	70dB@DC-2.45GHz	2
AP-HPF1-2.7835G18G-10	27835-18000MHz	1.8dB	70dB@DC-2.4835GHz	2
AP-HPF1-3G12.75G-11	3000-12750MHz	1.5dB	40dB@DC-2.7GHz	2
AP-HPF1-3G18G-12	3000-18000MHz	2.0dB	40dB@DC-2.7GHz	1.6
AP-HPF1-3.1G18G-13	3100-18000MHz	1.5dB	40dB@DC-2.48GHz	1.5
AP-HPF1-4G18G-14	4000-18000MHz	2.0dB	45dB@DC-3.6GHz	1.8
AP-HPF1-4.2G12.75G-15	4200-12750MHz	2.0dB	40dB@DC-3.8GHz	1.7
AP-HPF1-4.492G18G-16	4492-18000MHz	2.0dB	40dB@DC-4.2GHz	2
AP-HPF1-5G22G-17	5000-22000MHz	2.0dB	60dB@DC-4.48GHz	1.7
AP-HPF1-5.85G18G-18	5850-18000MHz	2.0dB	60dB@DC-3.9195GHz	2
AP-HPF1-6G18G-19	6000-18000MHz	1.0dB	50dB@DC-0.61GHz,25dB@2.5GHz	2
AP-HPF1-6G24G-20	6000-24000MHz	2.0dB	60dB@DC-5.4GHz	1.8
AP-HPF1-6.5G18G-21	6500-18000MHz	2.0dB	40@5.85GHz,62@DC-5.59GHz	1.8
AP-HPF1-7G18G-22	7000-18000MHz	2.0dB	40dB@DC-6.5GHz	2
AP-HPF1-8G18G-23	8000-18000MHz	2.0dB	50dB@DC-6.8GHz	2
AP-HPF1-8G25G-24	8000-25000MHz	2.0dB	60dB@DC-7.25GHz	1.8
AP-HPF1-8.4G17G-25	8400-17000MHz	5.0dB	85dB@8.025-8.35GHz	1.5
AP-HPF1-11G24G-26	11000-24000MHz	2.5dB	60dB@DC-6.0GHz,40dB@6.0-9.0GHz	1.8
AP-HPF1-11.7G15G-27	1170-15000MHz	1.0dB	15dB@DC-9.8GHz	1.3

Notch Filters

Model Number	Notch Frequency	Rejection	Passband 1	Passband 2	Insertion Loss	VSWR
AP-617M652A	617-652MHz	40dB	DC-602	667-2000	1.50dB	1.8
AP-663M698A	663-698MHz	40dB	DC-648	713-2000	1.50dB	1.8
AP-703M748A	703-784MHz	40dB	DC-688	763-3500	1.50dB	1.8
AP-758M803A	758-803MHz	40dB	DC-743	818-3500	1.50dB	1.8
AP-791M821A	791-821 MHz	40dB	DC-781	831-2500	3.00dB	1.8
AP-824M846A	824-846MHz	45dB	DC-790	866-2550	3.00dB	1.8
AP-824M894A	824-894MHz	50dB	DC-790	928-2100	2.00dB	1.8
AP-850M960A	850-960MHz	40dB	DC-830	980-2000	2.50dB	1.8
AP-876M960A	876-960MHz	50dB	DC-836	1000-2200	2.00dB	1.8
AP-897M907A	897-907MHz	40dB	DC-887	917-1000	1.50dB	1.8
AP-925M960A	925-960MHz	40dB	DC-915	970-3000	2.00dB	1.8
AP-930M960A	930-960MHz	60dB	DC-910	980-3000	2.50dB	2
AP-995M1005A	995-1005MHz	60dB	DC-980	1020-1800	2.50dB	2
AP-1240M1260A	1240-1260MHz	50dB	DC-1230	1270-4000	2.00dB	1.8
AP-1447M1467A	1447-1467MHz	60dB	DC-1422	1492-5000	2.50dB	2
AP-1565M1585A	1565-1585MHz	60dB	DC-1558	1592-3300	2.50dB	2
AP-1710M1785A	1710-1785MHz	40dB	DC-1690	1800-3500	1.50dB	1.8
AP-1742M1752A	1742-1752MHz	60dB	DC-1732	1762-3500	1.50dB	1.8
AP-1805M1850A	1805-1850MHz	40dB	DC-1760	1895-3800	1.50dB	1.8
AP-1850M1910A	1850-1910MHz	40dB	DC-1830	1930-3500	1.50dB	1.8
AP-1865M1895A	1865-1895MHz	40dB	DC-1810	1930-5700	1.50dB	1.8
AP-1880M1920A	1880-1920MHz	60dB	DC-1870	1930-6000	1.50dB	1.8
AP-1890M1910A	1890-1910MHz	50dB	DC-1880	1820-8000	2.50dB	2
AP-2010M2025A	2010-2025MHz	50dB	DC-1986	2050-4000	2.50dB	2
AP-2110M2170A	2110-2170MHz	60dB	DC-2070	2210-5800	2.50dB	2
AP-2225M2375A	2225-2375MHz	55dB	DC-2150	2450-3500	2.50dB	2
AP-2300M2320A	2300-2320MHz	50dB	DC-2290	2330-3000	2.50dB	2
AP-2320M2370A	2320-2370MHz	60dB	DC-2290	2400-5800	2.50dB	2
AP-2360M2380A	2360-2380MHz	50dB	DC-2350	2390-3000	2.50dB	2

Model Number	Notch Frequency	Rejection	Passband 1	Passband 2	Insertion Loss	VSWR
AP-2380M2400A	2380-2400MHz	50dB	DC-2370	2410-3000	2.50dB	2
AP-2490M2510A	2490-2510MHz	50dB	DC-2480	2520-6000	1.50dB	1.8
AP-2500M2570A	2500-2570MHz	40dB	DC-2440	2630-8000	2.00dB	2
AP-2496M2690A	2496-2690MHz	40dB	DC-2481	2705-6500	1.50dB	1.8
AP-2500M2570B	2500-2570MHz	40dB	DC-2470	2600-9000	1.50dB	1.8
AP-2535M2575A	2535-2575MHz	45dB	DC-2520	2590-6000	1.50dB	1.8
AP-2620M2690A	2620-2690MHz	40dB	DC-2590	2720-9000	1.50dB	1.8
AP-3300M3850A	3300-3850MHz	40dB	DC-3270	3880-8000	3.00dB	1.8
AP-3550M3700A	3550-3700MHz	40dB	DC-3500	3750-11000	1.50dB	1.8
AP-3740M3670A	3740-3760MHz	50dB	DC-3730	3770-6000	2.00dB	1.8
AP-3800M4200A	3800-4200MHz	40dB	DC-3770	4230-8000	3.00dB	2
AP-4400M5000A	4400-5000MHz	40dB	DC-4370	5030-8000	3.00dB	2
AP-5150M5850A	5150-5850MHz	40dB	DC-5120	5880-12000	3.00dB	2
AP-617M652A	617-652MHz	80dB	DC-605	664-2000	2.00dB	2
AP-663M698B	663-698MHz	80dB	DC-651	710-2000	2.00dB	2
AP-699M716A	699-716MHz	80dB	DC-684	729-2000	2.00dB	2
AP-1427M1432A	1427-1432MHz	80dB	DC-1412	1447-3000	2.00dB	2
AP-1432M1517A	1432-1517MHz	80dB	DC-1407	1542-4200	2.00dB	2
AP-1695M1710A	1695-1710MHz	80dB	DC-1685	1720-5000	2.00dB	2
AP-2110M2200A	2110-2200MHz	80dB	DC-2085	2225-6000	2.00dB	2
AP-2300M2400A	2300-2400MHz	80dB	DC-2273	2427-6000	2.00dB	2
AP-2400M2485A	2400-2485MHz	80dB	DC-2375	2510-5500	2.00dB	2
AP-3300M3800A	3300-3800MHz	80dB	DC-3250	3850-8000	5.00dB	2.5
AP-3800M4200B	3800-4200MHz	80dB	DC-3750	4250-8000	3.00dB	2
AP-4400M5000B	4400-5000MHz	80dB	DC-4240	5060-8000	5.00dB	2.5
AP-5150M5250A	5150-5250MHz	80dB	DC-5125	5275-8000	3.00dB	2
AP-5250M5350A	5250-5350MHz	80dB	DC-5225	5375-8000	3.00dB	2
AP-5470M5725A	5470-5725MHz	80dB	DC-5420	5775-8000	3.00dB	2
AP-5725M5850A	5725-5850MHz	80dB	DC-5695	5880-8000	3.00dB	2

Diplexer/Duplexer

- Frequency: 10MHz-67.5GHz
- Features: Low insertion loss, high isolation, high power, low PIM, compact size, vibration & impact resistance, waterproof, custom design available
- Technology: Cavity, LC, Ceramic, Dielectric, Microstrip, Helical, Waveguide



Model Number	Frequency Range	Low Band High Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-CC2-BK24-xFWP	80-2700MHz	80-520MHz 694-2700MHz	≤0.4dB ≤0.6dB	≥16.5dB	≥50dB	120W	4.3/10 F	187.2mm x 130.4mm x 31.8 mm
AP-CC2-1200M2300M-S3	1200-2300MHz	1200-1300MHz 2100-2300MHz	≤1.6dB	≥17dB	≥100dB	10W	SMA-F	166.64mm x 40.64mm x 16.26mm
AP-CD2-1273M1327M-70D	1273-1327MHz	1273-1277MHz 1323-1327MHz	≤0.4dB	≥16dB	≥70dB	300W	DIN-F	265mm x 115mm x 43mm
AP-CC2-1427M3800M-4310F	1427-3800MHz	1427-2690MHz 3300-3800MHz	≤0.25dB	≥18dB	≥60dB ≥30dB	100W	4.3-10 / F	122mm x 70mm x 35mm
AP-CD2-1518M1675M-120TN	1518-1675MHz	1518-1559MHz 1626.5-1675MHz	≤0.8dB ≤1.8dB	≥15dB	≥85dB	40W	ANT:TNC-F RX/TX:SMA-F	230mm x 150mm x 59mm
AP-CD2-1518M1675M-85S	1518-1675MHz	1518-1560MHz 1626.5-1675MHz	≤2.0dB	≥14dB	≥85dB	100W	SMA-F	100mm x 100mm x 29mm
AP-CD2-1710M1880M-60N	1710-1880MHz	1710-1785MHz 1805-1880MHz	≤0.8dB ≤2.0dB	≥15dB	≥60dB	10W	N-F	160mm x 115mm x 34mm
AP-CD2-1710M1880M-60NWP	1710-1880MHz	1710-1785MHz 1805-1880MHz	≤0.8dB ≤2.0dB	≥15dB	≥60dB	10W	N-F	170mm x 130mm x 42mm
AP-CD2-1710M1880M-4310S70	1710-1880MHz	1710-1785MHz 1805-1880MHz	≤1.5dB	≥18dB	≥70dB	50W	ANT: 4.3-10/F TX/RX: SMA/F	110mm x 100mm x 35mm
AP-CD2-1710M1880M-4310N70	1710-1880MHz	1710-1785MHz 1805-1880MHz	≤1.5dB	≥18dB	≥70dB	100W	ANT: 4.3-10 / F TX/RX: N / F	110mm x 100mm x 35mm
AP-CD2-1710M2155M-70NWP	1710-2155MHz	1710-1755MHz 2110-2155MHz	≤0.5dB	≥18dB	≥70dB	100W	N-F	105mm x 80mm x 32mm
AP-CD2-1710M2170M-90S	1710-2170MHz	1710-1770MHz 2110-2170MHz	≤0.7dB	≥18dB	≥90dB	200W	SMA-F	100mm x 70mm x 24mm
AP-CD2-17102700-20N	1710-2700MHz	1710-2170MHz 2500-2700MHz	≤0.8dB	≥15dB	≥20dB	100W	N-F	120mm x 98mm x 36mm
AP-CD2-1850M1995M-70NWP	1805-1995MHz	1805-1915MHz 1930-1995MHz	≤1.5dB	≥18dB	≥70dB	100W	N-F	125mm x 105mm x 32mm

Model Number	Frequency Range	Low Band High Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-CD2-1920M2170M-90SP	1920-2170MHz	1920-1980MHz 2110-2170MHz	≤1.0dB	≥18dB	≥90dB	20W	ANT: SMA-F LOW/HIGH: PSMP	135mm x 65mm x 24mm
AP-CD2-1920M2170M-85NSP	1920-2170MHz	1920-1980MHz 2110-2170MHz	≤1.0dB	≥20dB	≥85dB	40W	ANT: N-F TX/RX: SMA-F	120mm x 85mm x 31mm
AP-CD2-1920M2170M-60N	1920-2170MHz	19920-1980MHz 2110-2170MHz	≤0.5dB	≥15dB	≥60dB	10W	N-F	110mm x 90mm x 34mm
AP-CD2-1920M2200M-70NS	1920-2200MHz	1920-2010MHz 2110-2200MHz	≤0.5dB	≥16dB	≥70dB	200W	ANT: N-F Other: SMA-F	74mm x 90mm x 24mm
AP-CD2-1920M2200M-4310S	1920-2200MHz	1920-2010MHz 2110-2200MHz	≤0.5dB	≥16dB	≥70dB	200W	ANT: 4.3-10/F Other: SMA/F	74mm x 90mm x 24mm
AP-CD2-1920M2200M-4310S	1920-2200MHz	1920-2010MHz 2110-2200MHz	≤0.5dB	≥16dB	≥70dB	200W	ANT: 4.3-10/F Other: SMA/F	74mm x 90mm x 24mm
AP-CD2-1980M2300M-90N	1980-2300MHz	1980-2110MHz 2170-2300MHz	≤1.0dB	≥18dB	≥90dB	50W	N-F	145mm x 115mm x 33mm
AP-CC2-2300M2615M-60S2	2300-2615MHz	2300-2400MHz 2575-2615MHz	≤1.0dB ≤2.3dB	≥18dB	≥60dB	30W	SMA-F	91mm x 59mm x 24.5mm
AP-CC2-2300M2690M-70SF	2300-2690MHz	2300-2400MHz 2496-2690MHz	≤0.6dB	≥15dB	≥90dB	50W	SMA-F	120mm x 70mm x 24mm
AP-CC2-2300M2690M-60S3	2300-2690MHz	2300-2400MHz 2496-2690MHz	≤1.0dB ≤0.8dB	≥18dB	≥60dB	50W	SMA-F	91mm x 59mm x 24.5mm
AP-CC2-2300M3800M-60S	2300-3800MHz	2300-2400MHz 3300-3800MHz	≤0.9dB	≥18dB	≥60dB	30W	SMA-F	91mm x 59mm x 24.5mm
AP-CD-2332-01WP	2305-2360MHz	2305-2315MHz 2350-2360MHz	≤2.5 dB	≥18dB	≥70dB	100W	N-F	135.8mm x 96.2mm x 39.5 mm
AP-CF2-2400M5875M-80S	2400-5875MHz	2400-2500MHz 5725-5875MHz	≤0.8dB	≥17.7dB	≥80dB	10W	SMA-F	96mmx80mmx26mm
AP-CD2-2496M4200M-90S	2496-4200MHz	2496-2690MHz 3300-4200MHz	≤1.0dB	≥10dB	≥90dB	50W	SMA-F	127mm x 63mm x 51mm
AP-CD2-2500M2690M-90SP	2500-2690MHz	2500-2570MHz 2620-2690MHz	≤1.0dB	≥18dB	≥90dB	20W	ANT: SMA-F LOW/HIGH: PSMP	135mm x 65mm x 24mm
AP-CD2-2500M2690M-60N	2500-2690MHz	2500-2570MHz 2620-2690MHz	≤0.5dB	≥15dB	≥60dB	10W	N-F	120mm x 100mm x 34mm
AP-CD2-2500M2690M-70S	2500-2690MHz	2500-2570MHz 2620-2690MHz	≤0.8dB	≥16dB	≥70dB	50W	SMA-F	95mm x 85mm x 24mm
AP-CC2-2575M3800M-60S	2575-3800MHz	2575-2615MHz 3300-3800MHz	≤2.6dB ≤0.8dB	≥18dB	≥40dB	30W	SMA-F	91mm x 59mm x 24.5mm

Model Number	Frequency Range	Low Band High Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-CD2-335M470M-80N	335-470MHz	335-345MHz 455-470MHz	≤0.8dB	≥17.7dB	≥80dB	100W	N-F	185mm x 95mm x 61mm
AP-CC2-350M2690M-4310FWP	350-2690MHz	350-1000MHz 1427-2690MHz	≤0.4dB	≥20dB	≥55dB	300W	4.3-10-F	205mm x 100mm x 45mm
AP-CC2-380M2690M-4310F	380-2690MHz	380-960MHz 1427-2690MHz	≤0.5dB	≥16dB	≥50dB	250W	4.3-10:F	161mm x 83.5mm x 35mm
AP-CC2-380M2690M-4310FWP	380-2690MHz	380-960MHz 1427-2690MHz	≤0.4dB	≥19dB	≥50dB	300W	4.3-10-F	173mm x 100mm x 45mm
AP-CC2-380M2700M-50N	380-2700MHz	380-960MHz 1695-2700MHz	≤0.3dB	≥18dB	≥55dB	200W	N-F	161mm x 83.5mm x 30mm
AP-TD-382.5^392.5-1DN	380-395MHz	380-385MHz 390-395MHz	≤1.4dB	≥20dB	≥90dB	30W	DIN-F N-F	289mm x 99mm x 58mm
AP-CD-380~390-H72	380-396.5MHz	380-386.5MHz 390-396.5MHz	≤2.0dB	≥18dB	≥65dB	20W	SMA-F	145mm x 106mm x 72mm
AP-CD2-380M396.5M-65D	380-396.5MHz	380-386.5MHz 390-396.5MHz	≤1.7dB	≥18dB	≥65dB	150W	DIN(7/16)-F	265mm x 150mm x 61mm
AP-CD2-380M396M-65D2	380-396.5MHz	380-386.5MHz 390-396.5MHz	≤1.2dB	≥19dB	≥65dB	200W	DIN(7/16)-F	483mm x 190mm x 66mm
AP-CD2-380M396.5M-H72NS	380-396.5MHz	380-386.5MHz 390-396.5MHz	≤2.0dB	≥18dB	≥65dB	20W	ANT: N-F HIGH/LOW: SMA-F	145mm x 106mm x 72 mm
AP-CD2-380M396.5M-H72LP	380-396.5MHz	380-386.5MHz 390-396.5MHz	≤2.0dB ≤2.7dB	≥18dB	≤92dB ≤65dB	50W	N-F	227mm x 117mm x 72mm
AP-CD2-380M396M-90NSLP	380-396.5MHz	380-386.5MHz 390-396.5MHz	≤2.0dB	≥15dB	≥75dB	100W	ANT: N-F UL & DL: SMA-F	242mm x 150mm x 63mm
AP-CD4-380M425M-65S	380-425MHz	380-386.5MHz 390-396.5MHz 410-415MHz 420-425MHz	≤1.8dB	≥16dB	≥65dB	20W	SMA-F	290mm x 106mm x 73mm
AP-CD4-380M465M-65S	380-465MHz	380-385MHz 450-455MHz 390-395MHz 460-465MHz	≤1.8dB	≥16dB	≥65dB	20W	SMA-F	276mm x 106mm x 76mm

Model Number	Frequency Range	Low Band High Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-CD4-380M470M-65S	380-470MHz	380-386.5MHz 390-396.5MHz 455-460MHz 465-470MHz	≤1.9dB	≥16dB	≥65dB	20W	SMA-F	276mm x 106mm x 76mm
AP-CD2-380M470M-4310F50	380-470MHz	380-395MHz 410-470MHz	≤0.5dB	≥18dB	≥50dB	50W	4.3-10/ F	230mm x 130mm x 51mm
AP-TD-390-440-7NF	380-470MHz	380-400MHz 410-470MHz	≤0.7dB	≥17dB	≥40dB	50W	N-F	220mm x 136mm x 61mm
AP-CD2-380M470M-4310FWP	380-470MHz	380-400MHz 410-470MHz	≤0.7dB	≥21dB	≥55dB	50W	4.3-10-F	238mm x 200mm x 60mm
AP-TD-400^410-02N	400-410MHz	399.5-400.5MHz 409.5-410.5MHz	≤1.0dB	≥20dB	≥70dB	100W	N-F	422mm x162mm x 67mm
AP-TD-409-417-16S	404-416MHz	403-405MHz 415-417MHz	≤5.1dB	≥20dB	≥85dB	100W	SMA-F	180mm x 180mm x 50mm
AP-CD2-410M425M-H72N4	410-425MHz	410-415MHz 420-425MHz	≤2.0dB	≥18dB	≥65dB	20W	N-F	145mm x 106mm x 72 mm
AP-CD2-410M427M-80S	410-427MHz	410-417MHz 420-427MHz	≤1.7dB	≥20dB	≥80dB	200W	SMA-F	210mm x 210mm x 69mm
AP-CD2-415M430M-H72N3	415-430MHz	415-420MHz 425-430MHz	≤2.0dB	≥18dB	≥65dB	20W	N-F	145mm x 106mm x 72 mm
AP-CD2-418M430M-4310FS	418-430MHz	418-420MHz 428-430MHz	≤1.0dB	≥18dB	≥50dB	20W	ANT: 4.3-10 / F Other: SMA / F	170mm x 135mm x 39mm
AP-CD2-418M430M-NSF	418-430MHz	418-420MHz 428-430MHz	≤1.5dB	≥18dB	≥60dB	20W	ANT: N/ F Other: SMA/F	170mm x135mm x 39mm
AP-TD-420-430-16S	420-430MHz	419-420MHz 431-433MHz	≤5.1dB	≥20dB	≥85dB	100W	SMA-F	180mm x 180mm x 50mm
AP-CD2-433M928M-80S2	433.05-928MHz	433.05-434.79MHz 863-928MHz	≤0.5dB	≥15dB	≥80dB	10W	SMA-F	205mm x 100mm x 40mm
AP-CD2-433M928M-80S	433.05-928MHz	433.05-434.79MHz 902-928MHz	≤0.5dB	≥15dB	≥80dB	10W	SMA-F	205mm x 100mm x 40mm
AP-CC2-433M2.5G-DIN20	433-2500MHz	433-434MHz 2400-2500MHz	≤0.3dB	≥20dB	≥20dB	400W	7/16-F	135mm x 85mm x 48mm
AP-CD2-440M470M-85N	439.5-470.5MHz	439.5-440.5MHz 469.5-470.5MHz	≤1.0dB	≥15dB	≥70dB	100W	N-F	210mm x 162mm x 70mm
AP-TD-4675^5550-Q6S	4400-5850MHz	4400-4950MHz 5250-5850MHz	≤1.5dB	≥17dB	≥40dB	20W	SMA-F	88mm x 82mm x 16mm

Model Number	Frequency Range	Low Band High Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-TD-450^470-16S	450-470MHz	449-451MHz 469-471MHz	≤4.2dB	≥20dB	≥75dB	100W	SMA-F	180mm x 180mm x 50mm
AP-CD2-452.5M467.5M-100NS	452.5-467.5MHz	452.5-457.5MHz 462.5-467.5MHz	≤1.5dB	≥18dB	≥100dB	50W	ANT: N-F Rx/Tx: SMA-F	215mm x 200mm x 50mm
AP-CD2-452.5M467.5M-S100	452.5-467.5MHz	452.5-457.5MHz 462.5-467.5MHz	≤1.5dB	≥18dB	≥100dB	50W	ANT: 4.3/10-F RX/TX: SMA-F	255mm x 205mm x 50mm
AP-TD-457~467-6NF	455-470MHz	455-460MHz 465-470MHz	≤1.6dB	≥18dB	≥90dB	50W	N-F	220mm x 135mm x 66mm
AP-CD2-460M470M-90S	460-470MHz	460-465MHz 465-470MHz	≤5.0dB	≥18dB	≥90dB	100W	SMA-F	180mm x 180mm x 50mm
AP-TD-470^490-16S-M2	470-490MHz	469.5-470.5MHz 489.5-490.5MHz	≤4.9dB	≥20dB	≥92dB	100W	SMA-F	180mm x 180mm x 50mm
AP-TD-470^490-16S	470-490MHz	469-471MHz 489-491MHz	≤4.2dB	≥20dB	≥75dB	100W	SMA-F	180mm x 180mm x 50mm
AP-CD2-483487-80NWP	483.0125-487.76 25MHz	483.0125-484.7625 MHz 486.0125-487.7625 MHz	≤3.0dB	≥18dB	≥80dB	20W	N-F	441mm x 265mm x 154mm
AP-CD4-490M500M-85B	490.7499.62MHz	490.7-491MHz 496.3-496.62MHz 493.7-494MHz 499.3-499.62MHz	≤3.5dB	≥15dB	≥83dB	10W	SMB-M	325mm x 245mm x 129mm
AP-TD-490^520-16S	490-520MHz	489-491MHz 519-521MHz	≤4.2dB	≥20dB	≥75dB	100W	SMA-F	180mm x 180mm x 50mm
AP-TD-500^510-16S-M2	500-510MHz	498.5-499.5MHz 511.5-512.5MHz	≤4.9dB	≥20dB	≥92dB	100W	N-F	180mm x 180mm x50 mm
AP-CC2-698M2690M-50N	698-2690MHz	698-2200MHz 2400-2690MHz	≤1.5dB ≤2.0dB	≥14dB	≥50dB	20W	N-F	85mm x 65mm x 22mm
AP-CD-698-2700-04WP	698-2700MHz	698-960MHz 1710-2700MHz	≤0.8dB	≥15dB	≥40dB	50W	N-F	135mm x 87mm x 51.5mm
AP-CC2-698M4200M-50NFWP	698-4200MHz	698-2690MHz 3300-4200MHz	≤0.3dB	≥16dB	≥30dB ≥60dB	200W	N-F	145mm x 85mm x 37mm
AP-CD2-698M746M-70NWP	698-746MHz	698-716MHz 728-746MHz	≤1.1dB	≥18dB	≥70dB	100W	N-F	190mm x 112mm x 44mm
AP_CD2_703M788M-70N	703-788MHz	703-733MHz 758-788MHz	≤1.5dB	≥20dB	≥55dB	20W	ANT:N-F Low; High: SMA-F	125mm x 88mm x 40mm
AP-CD2-703M803M-60S	703-803MHz	703-748MHz 758-803MHz	≤0.8dB	≥17dB	≥60dB	100W	SMA-F	150mm x 122mm x 36mm

Model Number	Frequency Range	Low Band High Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-CD2-703M803M-80S	703-803MHz	703-748MHz 758-803MHz	≤1.5dB	≥17dB	≥80dB	50W	SMA-F	132mm x 110.5mm x 33.5mm
AP-CD2-733791-65S	733-791MHz	733-736MHz 788-791MHz	≤1.5dB	≥20dB	≥65dB	10W	SMA-F	145mm x 106mm x 35mm
AP-CD2-746M787M-70NWP	746-787MHz	746-756MHz 777-787MHz	≤1.0dB	≥18dB	≥70dB	100W	N-F	160mm x 112mm x 44mm
AP-CD2-757M930M-70N	757-930MHz	757-788MHz 900-930MHz	≤0.5dB	≥15dB	≥70dB	5W	N-F	137mm x 60mm x 32mm
AP-CD2-758M798M-90S	758-798MHz	758-768MHz 788-798MHz	≤1.5dB	≥15dB	≥90dB	50W	SMA-F	140mm x 90mm x 35mm
AP_CD2_758M806M-85B	758-806MHz	758-776MHz 788-806MHz	≤1.0dB	≥18dB	≥80dB	25W	SMB-F	160mm x 150mm x 36mm
AP-CD-813S	758-869MHz	758-776MHz 788-824MHz 851-869MHz	≤2.0dB ≤1.0dB ≤2.0dB	≥18dB	≥80dB	50W	SMA-F	183mm x 164mm x 36mm
AP-CD-PS700-2	758-906MHz	758-776MHz 788-806MHz	≤2.0dB ≤1.0dB	≥18dB	≥80dB	100W	SMA-F	160mm x 150mm x 36mm
AP-CD-784S	763-805MHz	763-775MHz 793-805MHz	≤1.3dB	≥16dB	≥95dB	100W	SMA-F	230mm x 70mm x 36mm
AP-CD2-763M805M-115S	763-805MHz	763-775MHz 793-805MHz	≤4.5dB	≥18dB	≥115dB	50W	SMA-F	200mm x 132mm x 36mm
AP-CD2-791M862M-60N	791-860MHz	791-821MHz 832-862MHz	≤1.0dB	≥15dB	≥60dB	10W	N-F	220mm x 110mm x 33mm
AP-CD2-791M862M-90S	791-862MHz	791-821MHz 832-862MHz	≤1.2dB	≥15dB	≥90dB	200W	SMA-F	160mm x 105mm x 44mm
AP-CD-791M862M-80S	791-862MHz	791-821MHz 832-862MHz	≤1.1dB	≥20dB	≥80dB	80W	ANT(IP67): 4.3-10 Rx/Tx: SMA-F	124mm x 120mm x 45mm
AP-CD2-LTEB20-100SP	791-862MHz	791-821MHz 832-862MHz	≤1.5dB	≥20dB	≥100dB	50W	ANT1/ANT2: 4310-F RX1/RX2: SMP-M TX1/TX2: SMA-M	350mm x 230mm x 40mm
AP-TD-833-9-7QS	806-860MHz	806-815MHz 851-860MHz	≤2.5dB	≥14dB	≥85dB	15W	SMA-F	206mm x 127mm x 36mm
AP-TD-833-9-7QS-CP	806-860MHz	806-815MHz 851-860MHz	≤3.0dB	≥14dB	≥80dB	15W	SMA-F	128mm x 128mm x 36 mm
AP-CD2-806M860M-85S	806-860MHz	806-815MHz 851-860MHz	≤4.2dB	≥14dB	≥85dB	15W	SMA-F	206mm x 127mm x 36mm

Model Number	Frequency Range	Low Band High Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-CD-PS800-611S	806-869MHz	806-824MHz 851-869MHz	≤1.0dB	≥18dB	≥80dB	25W	SMA-F	134mm x 130.5mm x 36mm
AP-CD2-PS800-611B	806-869MHz	806-824MHz 851-869MHz	≤1.3dB	≥16dB	≥80dB	25W	SMB-F	160mm x 150mm x 36mm
AP-CD2-806870-65S	806-870MHz	806-825MHz 851-870MHz	≤1.5dB	≥20dB	≥65dB	10W	SMA-F	145mm x 106mm x 35mm
AP-CD2-418M425M-4310FS	814-825MHz	418-420MHz 423-425MHz	≤1.7dB	≥18dB	≥50dB	20W	ANT: 4.3-10 / F Other: SMA / F	177mm x 140mm x 39mm
AP-CD2-814M894M-60S	814-894MHz	814-849MHz 859-894MHz	≤1.0dB	≥17dB	≥60dB	100W	SMA-F	150mm x 122mm x 36mm
AP-CD2-814M894M-70NWP	814-894MHz	814-849MHz 859-894MHz	≤1.1dB	≥18dB	≥70dB	100W	N-F	175mm x 145mm x 44mm
AP-CD-892-1955-03WP	824-2200MHz	824-960MHz 1710-2200MHz	≤0.8dB	≥15dB	≥40dB	50W	N-F	135mm x 87mm x 51.5mm
AP-CD2-824M894M-80NS	824-894MHz	824-849MHz 869-894MHz	≤1.1dB	≥20dB	≥80dB	80W	ANT: N-F Other: SMA-F	124mm x 120mm x 47mm
AP-CD2-824M915M-80NS	824-915MHz	824-834MHz 880-915MHz	≤1.0dB	≥15dB	≥80dB	100W	ANT: N-F Other: SMA-F	140mm x 100mm x 34mm
AP_CD2_825M890M-60S	825-890MHz	825-845MHz 870-890MHz	≤1.5dB	≥18dB	≥60dB	25W	SMA-F	140mm x 62mm x 34mm
AP-CD2-850M1990M-80S	850-1990MHz	850-960MHz 1700-1990MHz	≤1.0dB	≥14dB	≥80dB	100W	SMA-F	140mm x 65mm x 41mm
AP-CD2-850M1990M-80N	850-1990MHz	850-960MHz 1700-1990MHz	≤1.0dB	≥14dB	≥80dB	100W	N-F	140mm x 65mm x 41mm
AP-882-1960-AS3	869-1990MHz	869-894MHz 1930-1990MHz	≤1.0dB	≥15dB	≥40dB	150W	COM: N-F Other: SMA-F	125mm x 104mm x 46mm
AP-CC2-869M1990M-50S	869-1990MHz	869-894MHz 1930-1990MHz	≤1.2dB	≥15dB	≥50dB	40W	SMA-F	100mmx 97mm x30mm
AP-CD2-873925-95N	873-925MHz	873-880MHz 918-925MHz	≤1.0dB ≤2.0dB	≥20dB	≥85dB	50W	N-F	272mm x 96mm x 50mm
AP-TD-878-925.5-6NF	876-930MHz	876-880MHz 921-930MHz	≤1.0dB ≤1.2dB	≥20dB	≥90dB ≥95dB	50W	N-F	174mm x 72mm x 57mm
AP-CD2-GSMR-S82	880-934MHz	880-889MHz 930-934MHz	≤1.05dB ≤2.0dB	≥19dB	≥90dB	50W	SMA-F	178mm x 94mm x 48mm
AP-CD2-880M960M-90S	880-960MHz	880-915MHz 925-960MHz	≤1.5dB	≥15dB	≥90dB	20W	SMA-F	150mm x100mm x 43mm
AP-CD2-880M960M-60N	880-960MHz	880-915MHz 925-960MHz	≤1.0dB	≥15dB	≥60dB	10W	N-F	220mm x 110mm x 33mm

Model Number	Frequency Range	Low Band High Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-TD-GSMR-5S	885-934MHz	885-889MHz 930-934MHz	≤1.0dB	≥16dB	≥70dB	25W	SMA-F	158mm x 82mm x 43.5mm
AP-CD-GSMR-S81	885-934MHz	885-889MHz 930-934MHz	≤1.05dB ≤1.1dB	≥18dB	≥90dB	50W	SMA-F	178mm x 82mm x 43.5mm
AP-CD2-GSMR-70S	885-934MHz	885-889MHz 930-934MHz	≤1.8dB ≤1.1dB	≥19dB	≥70dB	50W	SMA-F	178mm x 94mm x 77mm
AP-CD-GSMR-S8	885-934MHz	885-889MHz 930-934MHz	≤2.0dB	≥16dB	≥70dB	25W	SMA-F	178mm x 82mm x 43.5mm
AP-CD2-890M960M-60S	890-960MHz	890-915MHz 935-960MHz	≤1.5dB	≥18dB	≥60dB	25W	SMA-F	125mm x 88mm x 34mm
AP-CD2-902.2M927.6M-2S90	902.2-927.6MHz	902.2-915MHz 923.2-927.6MHz	≤3.0dB	≥14dB	≥40dB	10W	SMA-F	140mm x 115mm x 36mm
AP-CD2-902.3M927.5M-S60	902.3-927.5MHz	902.3-914.9MHz 923.3-927.5MHz	≤1.5dB ≤2.0dB	≥14dB	≥60dB	10W	SMA-F	105.4mm x 105.4mm x 55mm
AP-CC2-925M1880M-50S	925-1880MHz	925-960MHz 1805-1880MHz	≤1.2dB	≥15dB	≥50dB	40W	SMA-F	100mmx 97mm x30mm
AP-CD2-5150M5875M-80NS	5150-5875MHz	5150-5350MHz 5725-5875MHz	≤1.8dB	≥18dB	≥80dB	50W	ANT:N-F LO/HI:SMA-F	112mm x 92mm x 27mm

Multiplexer



- Frequency: 10MHz-67.5GHz
- Features: Low insertion loss, high isolation, high power, low PIM, compact size, vibration & impact resistance, waterproof, custom design available.
- Technology: Cavity, LC, Ceramic, Dielectric, Microstrip, Helical, Waveguide

Model Number	Frequency Range	Channels	Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-CC-Triplexer2-03N	1710-2700MHz	3	1710-1880MHz 1920-2170MHz 2500-2700MHz	≤0.8dB	≥15dB	≥20dB	100W	N-F	170mm x 90mm x 34mm
AP-CC3-1900M2620M-70NH	1900-2620MHz	3	1900-1920MHz 2300-2400MHz 2570-2620MHz	≤0.5dB	≥18dB	≥70dB	100W	Com: N-F Input:SMA-F	155mm x 90mm x 34mm
AP-CC3-698M2690M-N25	698-2690MHz	3	698-862MHz 880-960MHz 1710-2690MHz	≤1.0dB	≥15dB	≥25dB	100W	N-F	200mm x 135mm x 36mm
AP-CC-Triplexer1-03N	703-2700MHz	3	703-960MHz 1710-2170MHz 2500-2700MHz	≤0.8dB	≥15dB	≥20dB	100W	N-F	170mm x 90mm x 42mm
AP-TRIPLEXER-813C	758-869MHz	3	758-776MHz 788-824MHz 851-869MHz	≤2.0 dB ≤1.0 dB ≤2.0 dB	≥18 dB	≥80dB	50W	SMA-F	218mm x 195mm x 36 mm
AP-TRIPLEXER-811C	763-860MHz	3	763-775MHz 793-815MHz 851-860MHz	≤3.0dB	≥14dB	≥85dB	10W	SMA-F	218mm x 195mm x 36mm
AP-TRIPLEXER-811D	763-860MHz	3	763-775MHz 793-815MHz 851-860MHz	≤2.5dB	≥15dB	≥125dB	15W	SMA-F	200mm x 135mm x 86mm
AP-TRIPLEXER-812A	769-860MHz	3	769-775MHz 799-815MHz 851-860MHz	≤4.8dB ≤3.5dB ≤2.5dB	≥15dB	≥125dB	10W	SMA-F	200mm x 135mm x 86mm
AP-TRIPLEXER-813B	769-869MHz	3	769-775MHz 799-824MHz 851-869MHz	≤4.8dB ≤3.6dB ≤2.7dB	≥15dB	≥125dB	10W	SMA-F	200mm x 135mm x 86mm
AP-CC3-769M869M-3S62	769-869MHz	3	769-775MHz 799-824MHz 851-869MHz	≤2.0dB	≥15dB	≥62dB	50W	SMA-F	157mm x 115mm x 36mm

Model Number	Frequency Range	Channels	Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-CC3-7901670-50N	790-1670MHz	3	790-960MHz 1220-1300MHz 1520-1670MHz	≤0.5dB	≥15dB	≥50dB	30W	N-F	192mm x 108mm x 41mm
AP-CC-Triplexer3-03N	790-2170MHz	3	790-960MHz 1710-1880MHz 1920-2170MHz	≤0.5dB	≥15dB	≥20dB	100W	N-F	186mm x 90mm x 42mm
AP-CC3-880M1980M-40S	8880-1980MHz	3	880-915MHz 1710-1785MHz 1920-1980MHz	≤1.0dB ≤1.0dB ≤0.9dB	≥15dB	≥40dB	50W	SMA-F	160mm x100 mm x 39mm
AP-CC3-925M2170M-30S	925-2170MHz	3	925-960MHz 1805-1880MHz 2110-2170MHz	≤1.0dB ≤0.9dB ≤0.9dB	≥15dB	≥30dB	50W	SMA-F	160mm x100 mm x 39mm
AP-CC4-720M2690M-35S	720-2690MHz	4	720-960MHz 1800-2170MHz 2300-2400MHz 2500-2615MHz 2625-2690MHz	≤2.0dB	≥15dB	≥35dB	50W	SMA-F	155mm x 138mm x 36mm
AP-CC4-729M2200M-55N	729-2200MHz	4	729-756MHz 859-894MHz 1930-1990MHz 2110-2200MHz	≤0.8dB	≥17dB	≥55dB	200W	Com: N-F Input: SMA-F	260mm x 180mm x 40mm
AP-CC4-777M1910M-55S	777-1780MHz	4	777-787MHz 814-849MHz 1710-1780MHz 1850-1910MHz	≤1.0dB	≥17dB	≥55dB	50W	SMA-F	260mm x 180mm x 40mm
AP-CC4-780M934M-50NS	780-934MHz	4	780-820MHz 885-934MHz	≤0.5dB ≤4.0dB	≥19dB	≥50dB	50W	Port1; Port2: N-F Input:SMA-F	170mm x 150mm x 46mm
AP-CC4-824M1980M-45S	824-1980MHz	4	824-845MHz 880-915MHz 1710-1785MHz 1920-1980MHz	≤2.0dB	≥15dB	≥45dB	1W	SMA-F	180mm x 103mm x 34mm
AP-CC4-824M1990M-65BS	824-1990MHz	4	824-849MHz 869-894MHz 1805-1910MHz 1930-1990MHz	≤2.0dB ≤1.5dB ≤2.0dB ≤1.5dB	≥15dB	≥65dB ≥20dB ≥65dB ≥20dB	1W	SMA-F	155mm x 110mm x 25.5mm
AP-CC4-824M1990M-48DS	824-1990MHz	4	824-849MHz 869-894MHz 1850-1910MHz 1930-1990MHz	≤2.0dB ≤1.5dB ≤2.0dB ≤1.5dB	≥15dB	≥48dB	1W	SMA-F	155mm x 110mm x 25.5mm

Model Number	Frequency Range	Channels	Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-CC4-880M1880M-85S	880-1880MHz	4	880-915MHz 925-960MHz 1710-1785MHz 1805-1880MHz	≤1.5dB	≥15dB	≥85dB	20W	SMA-F	200mm x 90mm x 80mm
AP-CC4-880M1880M-65AS	880-1880MHz	4	880-915MHz 925-960MHz 1710-1785MHz 1805-1880MHz	≤2.0dB ≤1.5dB ≤2.0dB ≤1.5dB	≥15dB	≥65dB ≥20dB ≥65dB ≥20dB	1W	SMA-F	155mm x 110mm x 25.5mm
AP-CC4-880M1880M-48CS	880-1880MHz	4	880-915MHz 925-960MHz 1710-1785MHz 1805-1880MHz	≤2.0dB ≤1.5dB ≤2.0dB ≤1.5dB	≥15dB	≥48dB	1W	SMA-F	155mm x 110mm x 25.5mm
AP-CC4-V BIG RX B40 HALF	880-2400MHz	4	880-915MHz 1710-1785MHz 1920-1980MHz 2300-2400MHz	≤1.0dB	≥15dB	≥17.5dB	20W	SMA-F	135mm x 100mm x 34mm
AP-CC4-V BIG TX B40	925-2400MHz	4	925-960MHz 1805-1880MHz 2110-2170MHz 2300-2400MHz	≤1.0dB	≥15dB	≥35dB	20W	Com: N-F; Input: SMA-F	150mm x 100mm x 34mm
AP-CC5-430M3594M-60N	430-3594MHz	5	430-467MHz 703-862MHz 1525-1626MHz 2400-2495MHz 3410-3594MHz	≤1.0dB	≥16dB	≥60dB	120W	Com: DIN(7/16)-F Input: N-F	134mm x 175mm x 91mm
AP-CC5-703M2570M-70S	703-2570MHz	5	703-748MHz 824-849MHz 1710-1770MHz 1850-1910MHz 2500-2570MHz	≤2.0dB	≥18dB	≥70dB	50W	SMA-F	129mm x 116mm x 65mm
AP-CC5-703M2690M-60N	703-2690MHz	5	703-862MHz 880-960MHz 1710-1880MHz 1920-2170MHz 2500-2690MHz	≤1.0dB	≥16dB	≥60dB	120W	Com: DIN(7/16)-F Input: N-F	156mm x 190mm x 80mm
AP-CC5-729M2360M-60NS	729-2360MHz	5	729-768MHz 859-894MHz 1930-1995MHz 2110-2180MHz 2350-2360MHz	≤0.6dB ≤0.6dB ≤0.6dB ≤0.6dB ≤1.1dB	≥18dB	≥60dB	80W	Com: N-F Input: SMA-F	260mm x 182mm x 36mm

Model Number	Frequency Range	Channels	Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-CC5-758M2170M-TX75NS	758-2170MHz	5	758-803MHz 869-880MHz 925-960MHz 1805-1880MHz 2110-2170MHz	≤1.5dB ≤1.5dB ≤1.5dB ≤1.5dB ≤1.0dB	≥18dB	≥70dB ≥75dB ≥75dB ≥75dB ≥60dB	60W	TX Out: N-F Other: SMA-F	129mm x 116mmx 68mm
AP-CC6-758M2690M-NSDL	758-2690MHz	5	758-803MHz 869-894MHz 925-960MHz 1805-1880MHz 2110-2170MHz 2620-2690MHz	≤1.5dB	≥18dB	≥50dB	80W	Com: N-F Input: SMA-F	260mm x 185mm x 36mm
AP-CC5-758M2690M-75NS5	758-2690MHz	5	758-803MHz 925-960MHz 1805-1880MHz 2110-2170MHz 2620-2690MHz	≤1.5dB ≤1.5dB ≤1.5dB ≤1.0dB ≤1.4dB	≥18dB	≥75dB ≥75dB ≥75dB ≥60dB ≥70dB	50W	SMA-F	129mm x 116mm x 74mm
AP-CC5-758M2690M-70NSDL	758-2690MHz	5	758-803MHz 869-894MHz 1930-1990MHz 2110-2170MHz 2620-2690MHz	≤1.3dB ≤1.2dB ≤1.3dB ≤1.2dB ≤1.2dB	≥18dB	≥65dB	60W	Com: N-F; Input: SMA-F	260mm x 182mm x 36mm
AP-CC5-758M2690M-80S	758-2690MHz	5	758-821 925-960 1805-1880 2110-2170 2620-2690	≤1.5dB ≤1.5dB ≤1.5dB ≤1.0dB ≤1.0dB	≥18dB	≥80dB	20W	COM: TNC-F Other: SMA-F	210mm x 184mm x 39mm
AP-CC5-758M2690M-75NS2P	758-2690MHz	5	758-803MHz 869-894MHz 1930-1990MHz 2110-2170MHz 2620-2690MHz	≤1.5dB ≤1.5dB ≤1.5dB ≤1.0dB ≤1.4dB	≥18dB	≥75dB ≥75dB ≥75dB ≥60dB ≥70dB	60W	COM: N-F Input: SMA-F	129mm x 116mm x 74mm
AP-CC5-758M2690M-70NSDL 2	758-2690MHz	5	758-803MHz 869-894MHz 1930-1990MHz 2110-2200MHz 2620-2690MHz	≤1.3dB ≤1.2dB ≤1.6dB ≤1.2dB ≤1.2dB	≥18dB	≥70dB	60W	Com: N-F Input: SMA-F	260mm x 182mm x 36mm

Model Number	Frequency Range	Channels	Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-CC5-758M2690M-DL65	758-2690MHz	5	758-821MHz 925-960MHz 1805-1880MHz 2110-2200MHz 2620-2690MHz	≤1.5dB	≥17dB ≥18dB ≥18dB ≥18dB	≥65dB	80W	Com: N-F Input: SMA-F	260mm x 181.7mm x 36mm
AP-CC5-758M2690M-70NSDL 4	758-2690MHz	5	758-803MHz 851-894MHz 1930-1990MHz 2110-2190MHz 2620-2690MHz	≤1.3dB ≤1.2dB ≤1.3dB ≤1.2dB ≤1.9dB	≥18dB	≥70dB	60W	Com: N-F Input: SMA-F	260mm x 182mm x 36mm
AP-CC5-758M2690M-35S	758-2690MHz	5	758-803MHz 869-894MHz 1930-1990MHz 2100-2170MHz 2570-2690MHz	≤1.5dB ≤1.5dB ≤1.5dB ≤1.5dB ≤3.3dB	≥15dB	≥35dB	2W	SMA-F	225mm x 172mm x 34mm
AP-CC5-758M2690M-80S2	758-2690MHz	5	758-821MHz 925-960MHz 1805-1880MHz 2110-2170MHz 2300-2690MHz	≤1.5dB ≤1.5dB ≤1.5dB ≤1.0dB ≤1.0dB	≥18dB	≥80dB	20W	SMA-F	210mm x 184mm x 39mm
AP-CC5-758M2690M-75NS2	758-5690MHz	5	758-803MHz 869-894MHz 1930-1990MHz 2110-2170MHz 2620-2690MHz	≤1.5dB ≤1.5dB ≤1.5dB ≤1.0dB ≤1.4dB	≥18dB	≥75dB ≥75dB ≥75dB ≥60dB ≥70dB	50W	SMA-F	129mm x 116mm x 74mm
AP-CC5-791M2690M-75NS1	791-2690MHz	5	791-821MHz 925-960MHz 1805-1880MHz 2110-2170MHz 2620-2690MHz	≤1.5dB ≤1.5dB ≤1.5dB ≤1.0dB ≤1.4dB	≥18dB	≥75dB ≥75dB ≥75dB ≥60dB ≥70dB	50W	SMA-F	129mm x 116mm x 74mm
AP-CC5-791M2690M-40NS	791-2690MHz	5	791-821MHz 925-960MHz 1805-1880MHz 2110-2170MHz 2620-2690MHz	≤0.75dB ≤0.75dB ≤0.5dB ≤0.5dB ≤0.5dB	≥17dB	≥40dB	250W	Com: N-F; Input: SMA-F	160mm x 198mm x 38mm
AP-CC5-791M2690M-75NS1P	791-2690MHz	5	791-821MHz 925-960MHz 1805-1880MHz 2110-2170MHz 2620-2690MHz	≤1.5dB ≤1.5dB ≤1.5dB ≤1.0dB ≤1.4dB	≥18dB	≥75dB ≥75dB ≥75dB ≥60dB ≥70dB	60W	COM: N-F Input: SMA-F	129mm x 116mm x 74mm

Model Number	Frequency Range	Channels	Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-CC5-791M2690M-40NS1	791-2690MHz	5	791-821MHz 925-960MHz 1805-1880MHz 2110-2170MHz 2550-2690MHz	≤0.75dB ≤0.75dB ≤0.5dB ≤0.5dB ≤0.5dB	≥17dB	≥40dB	250W	Com: N-F Input: SMA-F	160mm x 198mm x 38mm
AP-CC5-791M2690M-25S	791-2690MHz	5	791-821MHz 925-960MHz 1805-1880MHz 2110-2170MHz 2620-2690MHz	≤1.0dB	≥18dB	≥25dB	50W	SMA-F	115mm x 105mm x 65mm
AP-CC5-703M1980M-RX70NS	824-1980MHz	5	824-835MHz 880-915MHz 703-748MHz 1710-1785MHz 1920-1980MHz	≤1.5dB ≤1.5dB ≤1.5dB ≤1.5dB ≤1.0dB	≥18dB	≥70dB	50W	SMA-F	129mm x 116mm x 68mm
AP-CC5-824M2400M-45NS4	824-2400MHz	5	824-849MHz 880-915MHz 1710-1785MHz 1920-1980MHz 2300-2400MHz	≤1.5dB ≤1.5dB ≤1.5dB ≤1.0dB ≤1.4dB	≥18dB	≥45dB	1W	SMA-F	116mm x 116mm x 74mm
AP-CC5-824M2570M-90N	824-2570MHz	5	824-834MHz 880-915MHz 1710-1785MHz 1900-1960MHz 2100-2570MHz	≤1.4dB ≤1.0dB ≤0.7dB ≤0.7dB ≤0.7dB	≥15dB	≥90dB	3W	N-F	200mm x 140mm x 36mm
AP-CC5-824M2690M-50N	824-2690MHz	5	824-875MHz 880-960MHz 1710-1880MHz 1920-2170MHz 2500-2690MHz	≤2.0dB ≤1.5dB ≤1.1dB ≤1.1dB ≤1.1dB	≥15dB	≥20dB ≥20dB ≥50dB ≥50dB ≥50dB	400W	N- F	190mm x 156mm x 80mm
AP-CC5-830M2570M-30S	830-2570MHz	5	830-867MHz 875-915MHz 1705-1785MHz 1915-1985MHz 2495-2570MHz	≤1.0dB ≤1.0dB ≤0.8dB ≤0.8dB ≤0.8dB	≥17dB	≥30dB	1W	SMA-F	215mm x 140mm x 34mm
AP-CC5-832M2570M-45S	832-2570MHz	5	832-862MHz 880-915MHz 1710-1785MHz 1920-1980MHz 2500-2570MHz	≤2.0dB	≥18dB	≥45dB	50W	SMA-F	120mm x 116mm x 70mm

Model Number	Frequency Range	Channels	Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-CC5-832M2570M-70S	832-2570MHz	5	832-862MHz 880-915MHz 1710-1785MHz 1920-1980MHz 2500-2570MHz	≤2.0dB	≥18dB	≥70dB	50W	SMA-F	129mm x 116mm x 65mm
AP-CC5-832M2570M-45S1	832-2570MHz	5	832-862MHz 880-915MHz 1710-1785MHz 1920-1980MHz 2500-2570MHz	≤1.0dB	≥18dB	≥18dB	50W	SMA-F	110mm x 110mm x 65mm
AP-CC5-832M2570M-45S2	832-2570MHz	5	832-862MHz 880-915MHz 1710-1785MHz 1920-1980MHz 2500-2570MHz	≤1.0dB	≥18dB	≥45dB	50W	SMA-F	110mm x 110mm x 65mm
AP-CC5-869M2400M-75NS3	869-2400MHz	5	859-894MHz 925-960MHz 1805-1880MHz 2110-2170MHz 2300-2400MHz	≤1.5dB ≤1.5dB ≤1.5dB ≤1.0dB ≤1.4dB	≥18dB	≥75dB ≥75dB ≥75dB ≥60dB ≥60dB	50W	SMA-F	129mm x 116mm x 74mm
AP-CC6-703M2615M-35S	703-2615MHz	6	703-748MHz 824-849MHz 1710-1770MHz 1850-1910MHz 2500-2565MHz 2575-2615MHz	≤2.0dB	≥15dB	≥35dB	50W	SMA-F	185 mm x165 mm x39 mm
AP-CC6-BP4-35S	703-2615MHz	6	703-748MHz 824-849MHz 1710-1770MHz 1805-1910MHz 2500-2565MHz 2575-2615MHz	≤2.0dB	≥15dB	≥35dB	50W	SMA-F	215mm x 175mm x 34mm
AP-CC6-758M2690M-DL55	758-2690MHz	6	758-803MHz 869-890MHz 925-960MHz 1805-1880MHz 2110-2170MHz 2620-2690MHz	≤1.5dB ≤1.7dB ≤1.5dB ≤1.5dB ≤1.5dB ≤1.5dB	≥18dB	≥50dB	80W	N-F SMA-F	260mm x 181.7mm x 36mm

Model Number	Frequency Range	Channels	Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-CC6-758M2690M-35NS	758-2690MHz	6	758-803MHz 869-894MHz 1930-1990MHz 2110-2170MHz 2570-2615MHz 2625-2690MHz	≤2.0dB	≥15dB	≥35dB	16W	Hi_IN/ TDD_IN/ MID_IN/ LOW_IN: SMA-F ANT: N-F	192mm x 125mm x 36mm
AP-CC6-758M2690M-35SDL	758-2690MHz	6	758-821MHz 925-960MHz 1805-1880MHz 2110-2170MHz 2300-2400MHz 2570-2690MHz	≤1.5dB ≤1.5dB ≤1.5dB ≤1.5dB ≤3.0dB	≥15dB	≥35dB	2W	SMA-F	225mm x 172mm x 34mm
AP-CC6-758M2690M-35NS1	758-2690MHz	6	758-803MHz 869-894MHz 1930-1990MHz 2110-2200MHz 2570-2615MHz 2625-2690MHz	≤2.0dB	≥15dB	≥35dB	100W	Hi_IN/ TDD_IN/ MID_IN/ LOW_IN: SMA-F ANT : N-F	180mm x 135mm x 36mm
AP-CC7-703M2620M-35S1	703-2620MHz	7	703-748 832-915 1710-1785 1920-1980 2300-2400 2500-570 2575-2620	≤2.0dB ≤2.0dB ≤2.0dB ≤2.0dB ≤2.0dB ≤4.0dB ≤3.0dB	≥15dB	≥20dB	50W	SMA-F	235mm x 175mm x 34mm
AP-CC7-703M2690M-35S3UL	703-2690MHz	7	703-748MHz 814-845MHz 899-915.1MHz 1710-1785MHz 1920-1980MHz 2300-2400MHz 2496-2690MHz	≤2.0dB	≥15dB	≥20dB	50W	SMA-F	235mm x 175mm x 34mm
AP-CC7-758M2690M-35NSDL	758-2690MHz	7	758-821MHz 925-960MHz 1805-1880MHz 2110-2170MHz 2300-2400MHz 2570-2690MHz 2620-2690MHz	≤1.5dB ≤1.5dB ≤1.5dB ≤1.5dB ≤1.5dB ≤3.0dB ≤3.0dB	≥15dB	≥35dB	50W	Com: N-F Input: SMA-F	212mm x 150mm x 38mm

Model Number	Frequency Range	Channels	Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-CC7-758M2690-50N	758-2690MHz	7	758-803MHz 859-894MHz 915-960MHz 1805-1880MHz 2110-2170MHz 2300-2400MHz 2620-2690MHz	≤0.8dB	≥15dB	≥50dB	35W	N-F	278mm x 175mm x 39mm
AP-CC7-758M2690M-35SDL2	758-2690MHz	7	758-803MHz 860-894MHz 945-960MHz 1805-1880MHz 2110-2170MHz 2300-2400MHz 2575-2690MHz	≤1.5dB ≤1.5dB ≤1.5dB ≤1.5dB ≤1.5dB ≤1.5dB ≤3.0dB	≥15dB	≥35dB	20W	SMA-F	225mm x 172mm x 34mm
AP-CC7-758M2690M-35SDL3	758-2690MHz	7	758-803MHz 860-889MHz 935-960MHz 1805-1880MHz 2110-2170MHz 2300-2400MHz 2496-2690MHz	≤1.5dB	≥15dB	≥35dB	20W	SMA-F	245mm x 172mm x 34mm
AP-CC8-703M2615M-20S2UL	703-2615MHz	8	703-748MHz 814-849MHz 904-915.1MHz 1710-1785MHz 1920-1980MHz 2300-2400MHz 2500-2562MHz 2575-2615MHz	≤2.0dB ≤2.0dB ≤2.0dB ≤2.0dB ≤2.0dB ≤4.0dB ≤2.0dB ≤4.0dB	≥15dB	≥20dB	50W	SMA-F	235mm x 175mm x 34mm
AP-CC9-BP3 LATAM	703-2170MHz	9	703-748MHz 758-803MHz 824-849MHz 869-894MHz 869-894MHz 1710-1770MHz 1850-1910MHz 1930-1990MHz 2110-2170MHz	≤2.0dB	≥15dB	≥35dB	50W	SMA-F	230mm x 150mm x 38mm

Model Number	Frequency Range	Channels	Band	Insertion Loss	Return Loss	Isolation	Power (CW)	Connector	Size(L x W x H)
AP-CC9-BP-TRX	791-2170MHz	9	791-821MHz 832-862MHz 880-915MHz 925-960MHz 925-960MHz 1710-1785MHz 1805-1880MHz 1920-1980MHz 2110-2170MHz	≤2.0dB	≥12dB	≥30dB	50W	SMA-F	225mm x 150mm x 39mm
AP-CC10-703M2170M-75NS3 P	703-2170MHz	10	703-747MHz 758-803MHz 824-835MHz 869-880MHz 880-915MHz 925-960MHz 1710-1785MHz 1805-1880MHz 1920-1980MHz 2110-2170MHz	≤1.5dB ≤1.5dB ≤1.5dB ≤1.5dB ≤1.5dB ≤1.5dB ≤1.5dB ≤1.5dB ≤1.0dB ≤1.0dB	≥18dB	≥65dB	50W	TX Out: N-F Other: SMA-F	129mm x 79mm x 240mm
AP-BC-350M2700M-3.1dBx	350-2700MHz		350-380MHz 380-2700MHz	-	-	23dB	200W	N-F 4310-F	-
AP-BC-350M3800M-3.1dBx	350-3800MHz		350-3800MHz	-	-	23dB (30dB needs to be customize d)	200W	N-F 4310-F	231.8mm x 211.8mm x 53mm
AP-BC-575M6000M-3.1dBx	575-6000MHz		575-6000MHz	-	-	20dB	200W	N-F 4310-F	165mm x 43mm x 36mm

RF Isolator



- Frequency: 10MHz-40GHz
- Features: Low insertion loss, high frequency, high isolation, high power, compact size, vibration & impact resistance, custom design available.
- Types: Coaxial, Drop-in, Surface Mount, Microstrip, Waveguide

Model Number	Frequency Range	Insertion Loss	Isolation	VSWR	Forward Power	Reverse Power	Size(L x W x H)
AP-CI-118M156M-100W	118-156MHz	0.6dB	20dB	1.25:1	100W	100W	75 x 60 x 28 mm
AP-CI-135M175M-20NF	135-175MHz	0.5dB	20dB	1.25:1	150W	100W	60*60*25mm
AP-CI1-146M174M-50N	146-174MHz	1.5dB	60dB	1.25:1	150W	50W	170 x 80 x 43mm
AP-TI-162-12S	150 -174MHz	0.6dB	20dB	1.2:1	50W	20W	60 x 60 x 25.5mm
AP-CT-225M400M-18NF	225-400MHz	0.8 dB	18dB	1.3:1	160W	160W	60 x 60 x 28mm
AP-CI1-380420-60N	380-420MHz	1.0 dB	60dB	1.25:1	150W	100W	160 x 80 x 40mm
AP-CT-400M470M-NF200W	400-470MHz	0.4dB	20dB	1.25:1	160W	-	38 x 35 x 15mm
AP-CI-460-20-100M	450-470MHz	0.4dB	23 dB	1.2:1	300W	30W	35 x 38 x 11 mm
AP-TI-WG3538X-1	763-775MHz	0.3dB	25dB	1.2:1	100W	20W	38 x 35 x 11mm
AP-TI-WG3538X-2	793-805MHz	0.3dB	25dB	1.2:1	100W	20W	38 x 35 x 11mm
AP-TI-WG3538X-3	806-815MHz	0.3dB	25dB	1.2:1	100W	20W	38 x 35 x 11mm
AP-TI-WG3538X-4	851-860MHz	0.3dB	25dB	1.2:1	100W	20W	38 x 35 x 11mm
AP-CI-2000M4000M-18PIN	2000-4000MHz	0.5dB	18dB	1.3:1	30W	10W	34*32*21mm
AP-CI-4G8G-18PIN	4000-8000MHz	0.5dB	18dB	1.3:1	30W	10W	23*21*15mm
AP-CI-6G18G-9.5PIN	6000-18000MHz	1.5dB	9.5dB	2:01	30W	10W	27*16*21mm
AP-CI-6.0G12G-15SF	6000-12000MHz	0.7dB	15dB	1.45:1	30W	10W	19*13*13mm
AP-MC-9G10G-18M2	9000-10000Mhz	0.4dB	18dB	-	10W	-	7 x 7 x 2.3mm
AP-CI-10G11.2G-20SF	10000-11200MHz	0.4dB	20dB	1.25:1	30W	10W	19*13*13mm
AP-TI-16G17G-23S	16000-17000MHz	0.3 dB	23dB	1.2:1	60W	10W	20 x 12 x 13mm

Drop-in Isolators

Band	Frequency Range	Insertion Loss	Isolation	VSWR	Forward Power	Reverse Power	Working Temperature	Size(L x W x H)
UHF	350-370MHz	0.35dB	20dB	1.25:1	300W	30W	-20°C ~ +65°C	35*38*11mm
UHF	380-460MHz	0.5dB	18dB	1.3:1	300W	30W	-20°C ~ +65°C	35*38*11mm
UHF	400-470MHz	0.4dB	20dB	1.25:1	300W	30W	-30°C ~ +70°C	35*38*11mm
UHF	450-520MHz	0.4dB	20dB	1.25:1	300W	30W	-20°C ~ +65°C	35*38*11mm
UHF	600-800MHz	0.5dB	19dB	1.25:1	300W	30W	-20°C ~ +65°C	35*38*11mm
UHF	700-900MHz	0.4dB	20dB	1.25:1	300W	30W	-20°C ~ +65°C	35*38*11mm
UHF	350-370MHz	0.35dB	20dB	1.25:1	300W	100W	-20°C ~ +65°C	35*46*11mm
UHF	380-460MHz	0.5dB	18dB	1.3:1	300W	100W	-20°C ~ +65°C	35*46*11mm
UHF	400-470MHz	0.4dB	20dB	1.25:1	300W	100W	-30°C ~ +70°C	35*46*11mm
UHF	450-520MHz	0.4dB	20dB	1.25:1	300W	100W	-20°C ~ +65°C	35*46*11mm
UHF	600-800MHz	0.5dB	19dB	1.25:1	300W	100W	-20°C ~ +65°C	35*46*11mm
UHF	700-900MHz	0.4dB	20dB	1.25:1	300W	100W	-20°C ~ +65°C	35*46*11mm
L	1.0-1.1GHz	0.3dB	20dB	1.2:1	200W	30W	-40°C ~ +85°C	25.4*25.4*10mm
L	1.2-1.4GHz	0.3dB	20dB	1.2:1	200W	30W	-40°C ~ +85°C	25.4*25.4*10mm
L	1.4-1.6GHz	0.3dB	20dB	1.2:1	200W	30W	-40°C ~ +85°C	25.4*25.4*10mm
L	1.6-1.8GHz	0.3dB	20dB	1.2:1	200W	30W	-40°C ~ +85°C	25.4*25.4*10mm
L	1.8-2.0GHz	0.3dB	20dB	1.2:1	200W	30W	-40°C ~ +85°C	25.4*25.4*10mm
L	1.0-1.1GHz	0.3dB	20dB	1.2:1	200W	100W	-40°C ~ +85°C	25.4*31.7*10mm
L	1.2-1.4GHz	0.3dB	20dB	1.2:1	200W	100W	-40°C ~ +85°C	25.4*31.7*10mm
L	1.4-1.6GHz	0.3dB	20dB	1.2:1	200W	100W	-40°C ~ +85°C	25.4*31.7*10mm
L	1.6-1.8GHz	0.3dB	20dB	1.2:1	200W	100W	-40°C ~ +85°C	25.4*31.7*10mm
L	1.8-2.0GHz	0.3dB	20dB	1.2:1	200W	100W	-40°C ~ +85°C	25.4*31.7*10mm
S	2.0-2.2GHz	0.3dB	20dB	1.25:1	200W	30W	-40°C ~ +85°C	25.4*25.4*10mm
S	2.2-2.4GHz	0.3dB	20dB	1.25:1	200W	30W	-40°C ~ +85°C	25.4*25.4*10mm
S	2.7-3.1GHz	0.3dB	20dB	1.25:1	200W	30W	-40°C ~ +85°C	25.4*25.4*10mm
S	3.0-3.6GHz	0.3dB	20dB	1.25:1	200W	30W	-40°C ~ +85°C	25.4*25.4*10mm
S	2.0-2.2GHz	0.3dB	20dB	1.25:1	200W	100W	-40°C ~ +85°C	25.4*31.7*10mm
S	2.2-2.4GHz	0.3dB	20dB	1.25:1	200W	100W	-40°C ~ +85°C	25.4*31.7*10mm
S	2.7-3.1GHz	0.3dB	20dB	1.25:1	200W	100W	-40°C ~ +85°C	25.4*31.7*10mm
S	3.0-3.6GHz	0.3dB	20dB	1.25:1	200W	100W	-40°C ~ +85°C	25.4*31.7*10mm
C	4.4-5.0GHz	0.4dB	20dB	1.25:1	60W	20W	-40°C ~ +85°C	12.7*12.7*8mm
C	5.0-6.0GHz	0.4dB	18dB	1.25:1	60W	20W	-40°C ~ +85°C	12.7*12.7*8mm
C	6.5-7.0GHz	0.4dB	20dB	1.25:1	60W	20W	-40°C ~ +85°C	12.7*12.7*8mm
C	7.0-8.0GHz	0.4dB	20dB	1.25:1	60W	20W	-40°C ~ +85°C	12.7*12.7*8mm
C	4.0-8.0GHz	0.7dB	16dB	1.5:1	100W	75W	-40°C ~ +85°C	16*23*6.4mm
C	3.8-8.0GHz	0.9dB	14dB	1.7:1	100W	75W	-40°C ~ +85°C	16*23*6.4mm

Band	Frequency Range	Insertion Loss	Isolation	VSWR	Forward Power	Reverse Power	Working Temperature	Size(L x W x H)
C	4.4-5.0GHz	0.4dB	20dB	1.25:1	75W	100W	-40°C ~ +85°C	12.7*19.1*8mm
C	5.0-6.0GHz	0.4dB	18dB	1.25:1	75W	100W	-40°C ~ +85°C	12.7*19.1*8mm
C	6.5-7.0GHz	0.4dB	20dB	1.25:1	75W	100W	-40°C ~ +85°C	12.7*19.1*8mm
C	7.0-8.0GHz	0.4dB	20dB	1.25:1	75W	100W	-40°C ~ +85°C	12.7*19.1*8mm
X	8.0-9.0GHz	0.35dB	20dB	1.25:1	30W	10W	-40°C ~ +85°C	9*10*5.1mm
X	9.0-10.0GHz	0.35dB	20dB	1.25:1	30W	10W	-40°C ~ +85°C	9*10*5.1mm
X	10.0-11.0GHz	0.35dB	20dB	1.25:1	30W	10W	-40°C ~ +85°C	9*10*5.1mm
X	11.0-12.0GHz	0.35dB	20dB	1.25:1	30W	10W	-40°C ~ +85°C	9*10*5.1mm
X	8.0-12.0GHz	0.5dB	18dB	1.3:1	30W	10W	-40°C ~ +85°C	9*10*5.1mm
X	8.0-9.0GHz	0.35dB	20dB	1.25:1	30W	10W	-40°C ~ +85°C	9*14*5.1mm
X	9.0-10.0GHz	0.35dB	20dB	1.25:1	30W	10W	-40°C ~ +85°C	9*14*5.1mm
X	10.0-11.0GHz	0.35dB	20dB	1.25:1	30W	10W	-40°C ~ +85°C	9*14*5.1mm
X	11.0-12.0GHz	0.35dB	20dB	1.25:1	30W	10W	-40°C ~ +85°C	9*14*5.1mm
KU	13.0-15.0GHz	0.5dB	18dB	1.25:1	30W	10W	-40°C ~ +85°C	9*10*5.1mm
KU	14.0-16.0GHz	0.5dB	18dB	1.25:1	30W	10W	-40°C ~ +85°C	9*10*5.1mm
KU	16.0-18.0GHz	0.5dB	18dB	1.25:1	30W	10W	-40°C ~ +85°C	9*10*5.1mm
KU	13.0-15.0GHz	0.5dB	18dB	1.25:1	30W	10W	-40°C ~ +85°C	9*14*5.1mm
KU	14.0-16.0GHz	0.5dB	18dB	1.25:1	30W	10W	-40°C ~ +85°C	9*14*5.1mm
KU	16.0-18.0GHz	0.5dB	18dB	1.25:1	30W	10W	-40°C ~ +85°C	9*14*5.1mm
K	18.0-22.0GHz	0.6dB	18dB	1.3:1	30W	5W	-40°C ~ +85°C	13* 18*13.8mm
K	21.0-23.0GHz	0.5dB	20dB	1.25:1	30W	5W	-40°C ~ +85°C	13* 18*13.8mm
K	23.0-25.0GHz	0.5dB	20dB	1.25:1	30W	5W	-40°C ~ +85°C	13* 18*13.8mm
K	24.0-26.0GHz	0.5dB	20dB	1.25:1	30W	5W	-40°C ~ +85°C	13* 18*13.8mm
K	25.0-27.0GHz	0.5dB	20dB	1.25:1	30W	5W	-40°C ~ +85°C	13* 18*13.8mm
Ka	26.5-40.0GHz	1.7dB	12dB	1.8:1	10W	2W	-40°C ~ +80°C	13*16*12.6mm

RF Circulator

- Frequency: 10MHz-40GHz
- Features: Low insertion loss, high frequency, high isolation, high power, compact size, vibration & impact resistance, custom design available.
- Types: Coaxial, Drop-in, Surface Mount, Microstrip, Waveguide



Model Number	Frequency Range	Insertion loss	Isolation	VSWR	Forward Power	Reverse Power	Size(L x W x H)
AP-TH-156-12M	150-162MHz	0.6dB	20dB	1.2:1	50W	20W	60 x 60x 25.5mm
AP-TH-168-12M	162-174MHz	0.6dB	20dB	1.2:1	50W	20W	61 x 60x 25.5mm
AP-TH-390/20-1NF	390-395MHz	0.4dB	20dB	1.25:1	150W	-	52 x 48 x 26mm
AP-TH-460-20-100M	450-470MHz	0.4dB	23dB	1.2:1	100W	-	38 x 35 x11mm
AP-TH-480-20-100M	470-490MHz	0.4dB	23dB	1.2:1	100W	-	38 x 35 x11mm
AP-CT-590M710M-20NF	590-710MHz	0.4dB	20dB	1.25:1	500W	500W	56 x 53 x 20mm
AP-CT-700M850M-20N	700-850MHz	0.4dB	20dB	1.25:1	500W	500W	56 x 53 x 20mm
AP-CT-850M1000M-20NF	850-1000MHz	0.4dB	20dB	1.25:1	500W	500W	56 x 53 x 20mm
AP-CT-2300M2400M-23S	2300-2400MHz	0.3dB	23dB	1.2:1	100W	100W	28.5 x 25.4 x 15mm
AP-CT-2570M2615M-23S	2570-2615MHz	0.3dB	23dB	1.2:1	100W	100W	28.5 x 25.4 x 15mm
AP-CT-4.5G5.0G-20N	4500-5000MHz	0.6dB	20dB	1.25:1	300W	300W	25 x 25x 18mm
AP-CT-4.7G5.1G-20N	4700-5100MHz	0.6dB	20dB	1.25:1	300W	300W	25 x 25x 18mm
AP-CT-4.8G5.9G-20N	4800-5900MHz	0.6dB	20dB	1.25:1	300W	300W	25 x 25x 18mm
AP-CT-5.0G6.0G-20N	5000-6000MHz	0.6dB	20dB	1.25:1	300W	300W	25 x 25x 18mm
AP-CT-6.5G7.0G-20N	6500-7000MHz	0.6dB	20dB	1.25:1	300W	300W	25 x 25x 18mm
AP-CT-7.0G8.0G-20N	7000-8000MHz	0.6dB	20dB	1.25:1	300W	300W	25 x 25x 18mm

Drop-in Circulators

Band	Frequency Range	Insertion Loss	Isolation	VSWR	Forward Power	Reverse Power	Working Temperature	Size(L x W x H)
UHF	350-370MHz	0.35dB	20dB	1.25:1	300W	300W	-20°C ~ +65°C	35*38*11mm
UHF	380-460MHz	0.5dB	18dB	1.3:1	300W	300W	-20°C ~ +65°C	35*38*11mm
UHF	400-470MHz	0.4dB	20dB	1.25:1	300W	300W	-30°C ~ +70°C	35*38*11mm
UHF	450-520MHz	0.4dB	20dB	1.25:1	300W	300W	-20°C ~ +65°C	35*38*11mm
UHF	600-800MHz	0.5dB	19dB	1.25:1	300W	300W	-20°C ~ +65°C	35*38*11mm
UHF	700-900MHz	0.4dB	20dB	1.25:1	300W	300W	-30°C ~ +70°C	35*38*11mm
L	1.0-1.1GHz	0.3dB	20dB	1.2:1	200W	200W	-40°C ~ +85°C	25.4*25.4*10mm
L	1.2-1.4GHz	0.3dB	20dB	1.2:1	200W	200W	-40°C ~ +85°C	25.4*25.4*10mm
L	1.4-1.6GHz	0.3dB	20dB	1.2:1	200W	200W	-40°C ~ +85°C	25.4*25.4*10mm
L	1.6-1.8GHz	0.3dB	20dB	1.2:1	200W	200W	-40°C ~ +85°C	25.4*25.4*10mm
L	1.8-2.0GHz	0.3dB	20dB	1.2:1	200W	200W	-40°C ~ +85°C	25.4*25.4*10mm
S	2.0-2.2GHz	0.3dB	20dB	1.25:1	200W	200W	-40°C ~ +85°C	25.4*25.4*10mm
S	2.2-2.4GHz	0.3dB	20dB	1.25:1	200W	200W	-40°C ~ +85°C	25.4*25.4*10mm
S	2.7-3.1GHz	0.3dB	20dB	1.25:1	200W	200W	-40°C ~ +85°C	25.4*25.4*10mm
S	3.0-3.6GHz	0.3dB	20dB	1.25:1	200W	200W	-40°C ~ +85°C	25.4*25.4*10mm
S	2.9-3.3GHz	0.3dB	20dB	1.25:1	60W	60W	-40°C ~ +85°C	12.7*12.7*8mm
C	4.4-5.0GHz	0.4dB	20dB	1.25:1	60W	60W	-40°C ~ +85°C	12.7*12.7*8mm
C	5.0-6.0GHz	0.4dB	18dB	1.25:1	60W	60W	-40°C ~ +85°C	12.7*12.7*8mm
C	6.5-7.0GHz	0.4dB	20dB	1.25:1	60W	60W	-40°C ~ +85°C	12.7*12.7*8mm
C	7.0-8.0GHz	0.4dB	20dB	1.25:1	60W	60W	-40°C ~ +85°C	12.7*12.7*8mm
X	8.0-9.0GHz	0.35dB	20dB	1.25:1	30W	30W	-40°C ~ +85°C	9*10*5.1mm
X	9.0-10.0GHz	0.35dB	20dB	1.25:1	30W	30W	-40°C ~ +85°C	9*10*5.1mm
X	10.0-11.0GHz	0.35dB	20dB	1.25:1	30W	30W	-40°C ~ +85°C	9*10*5.1mm
X	11.0-12.0GHz	0.35dB	20dB	1.25:1	30W	30W	-40°C ~ +85°C	9*10*5.1mm
X	8.0-12.0GHz	0.5dB	18dB	1.3:1	30W	30W	-40°C ~ +85°C	9*10*5.1mm
KU	13.0-15.0GHz	0.5dB	18dB	1.25:1	30W	30W	-40°C ~ +85°C	9*10*5.1mm
KU	14.0-16.0GHz	0.5dB	18dB	1.25:1	30W	30W	-40°C ~ +85°C	9*10*5.1mm
KU	16.0-18.0GHz	0.5dB	18dB	1.25:1	30W	30W	-40°C ~ +85°C	9*10*5.1mm
K	18.0-22.0GHz	0.6dB	18dB	1.3:1	30W	30W	-40°C ~ +85°C	13* 18*13.8mm
K	21.0-23.0GHz	0.5dB	20dB	1.25:1	30W	30W	-40°C ~ +85°C	13* 18*13.8mm
K	23.0-25.0GHz	0.5dB	20dB	1.25:1	30W	30W	-40°C ~ +85°C	13* 18*13.8mm
K	24.0-26.0GHz	0.5dB	20dB	1.25:1	30W	30W	-40°C ~ +85°C	13* 18*13.8mm
K	27.0-29.0GHz	0.5dB	20dB	1.25:1	30W	30W	-40°C ~ +85°C	13* 18*13.8mm
K	27.0-31.0GHz	1.1dB	16dB	1.4:1	30W	30W	-40°C ~ +85°C	13* 18*13.8mm
K	33.0-37.0GHz	1.2dB	16dB	1.4:1	30W	30W	-40°C ~ +85°C	13* 18*13.8mm
K	22.0-33.0GHz	1.7dB	13dB	1.7:1	10W	10W	-40°C ~ +80°C	13*16*12.6mm
Ka	26.5-40.0GHz	1.7dB	12dB	1.8:1	10W	10W	-40°C ~ +80°C	13*16*12.6mm

Coupler

- Frequency: DC-67.5GHz
- Features: Low insertion loss, high isolation, high power, low PIM, waterproof, custom design available.
- Types: Cavity, Microstrip, Waveguide



Model Number	Frequency Range	Coupling	Insertion Loss	Directivity	VSWR	Intermodulation	Connector	Size
AP-PC-66/500-10QN	66-500MHz	10±3.5dB@66-100MHz 10±1.0dB@100-500MHz	0.9dB	15dB@66-500MHz	1.3:1	≤ -130dBc@2×43dBm	QN-F	381 x 144.4 x 30mm
AP-PC-70M500M-20D Hybrid 2*2	70-500MHz	3dB	4.5dB	20dB	1.4:1	≤ -135dBc@2*43dBm	DIN(7/16)-F	154 x 150x 36.5mm
AP-BRIDGE3-136M240M -20S Hybrid 2*2	136-240 MHz	3dB	0.5dB	20dB	1.3:1	-	SMA-F	66 x 44 x 14 mm
AP-DC-340M2000M-6/10/15/20/30N	340-2000MHz	6±1.5dB 10±1.5dB 15±1.5dB 20±1.5dB 30±1.5dB	2.0dB 1.0dB 0.5dB 0.4dB 0.4dB	18dB	1.5:1	-	N-F	160 x 33 x 21mm
AP-BC-340M2700M-23N Hybrid 2*2	340-2700MHz	3.1±1.4 dB@340-380MHz 3.1±0.9 dB@380-2700MHz	0.2dB	23dB	1.2:1	≤-155 dBc@2*43dBm	4.3/10-F,N-F,7/16(DIN)-F,	184 x 49 x 30mm
AP-DC-350M2700M -18Nx	350-2700MHz	6±1.5@340-380MHz 6±1.1@380-2700MHz	1.8dB	18dB	1.25:1	≤ -153 dBc@2*43dBm	N-F	180 x 47 x 23mm
		10±1.7@340-380MHz 10±1.2@380-2700MHz	0.8dB					
		15±1.7@340-380MHz 15±1.2@380-2700MHz	0.5dB					
		20±1.8@340-380MHz 20±1.2@380-2700MHz	0.3dB					
		30±1.8@340-380MHz 30±1.5@380-2700MHz	0.3dB					

Model Number	Frequency Range	Coupling	Insertion Loss	Directivity	VSWR	Intermodulation	Connector	Size
AP-PT-350M5850M -4310Fx	350-5850MHz	5dB 6dB 7dB 8dB 10dB 13dB 15dB 20dB 30dB	1.8dB 1.3dB 1.0dB 0.7dB 0.4dB 0.2dB 0.1dB 0.1dB 0.1dB		1.2 : 1	$\leq$ -155dBc@2x43dBm	4.3-10/F	98 x 25 x 25mm
AP-DC1-0.5G6G-S10	500-6000MHz	10±1dB	0.5dB	18dB	1.2 : 1	-	-	-
AP-DC1-0.5G18G-S20	500-18000MHz	20±1.5dB	1.2dB	10dB	1.6 : 1	-	-	-
AP-DC-575M3800M -4310Fx	575-3800MHz	3±0.8dB 5±1.0dB 6±1.0dB 8±1.0dB 10±1.0dB 13±1.0dB 15±1.0dB 20±1.0dB 30±1.0dB 40±1.5dB	3.6dB 2.3dB 1.8dB 1.1dB 0.8dB 0.5dB 0.5dB 0.4dB 0.3dB 0.3dB	20dB@575- 3600MHz 18dB@3600 -3800MHz	1.25:1	$\leq$ -155dBc@2x43dBm	4.3-10/F,N F,7/16(DIN) -F	134 x 47 x 27mm
AP-PC-575-6000-XC43DI	575-6000MHz	6±1.1dB 8±1.2dB 10±1.2dB 13±1.3dB 15±1.35dB 20±1.4dB	1.9dB 1.2dB 0.9dB 0.6dB 0.5dB 0.3dB	10-20dB@5 75-6000MH z	1.25:1(57 5-3800M Hz) 1.30:1(38 00-6000 MHz)	$\leq$ -160dBc@2x43dBm	4.3/10 F,N F,7/16 DIN	6-8dB: 120.5 x 41.6 x 23mm 10-20dB: 122.5 x 43.6x23mm
AP-DC-575M3800M-DIN Fx Hybrid 2*2	575-3800MHz	3.1 ± 0.9dB	0.2dB	23dB	1.25:1	$\leq$ -161dBc@2*43dBm	4.3-10/F,N -F,7/16(DI N)-F	140 x 49 x 38mm
AP-DC1-0.5G18G-S20	500-18000MHz	20±1.5dB	1.2dB	10dB	1.6 : 1	-	-	-

Model Number	Frequency Range	Coupling	Insertion Loss	Directivity	VSWR	Intermodulation	Connector	Size
AP-PC-69-27-Nf-XdB	698-2700MHz	5±0.8dB 6±0.8dB 7±0.8dB 8±0.8dB 10±0.8dB 12±1.0dB 15±1.0dB 20±1.2dB 25±1.2dB 30±1.2dB 35±1.2dB 40±1.5dB	2.1dB 1.65dB 1.3dB 1.1dB 0.75dB 0.6dB 0.4dB 0.3dB 0.2dB 0.2dB 0.2dB 0.2dB	25dB 26dB 27dB 28dB 30dB 32dB 35dB 40dB 45dB 50dB 55dB 60dB	1.25:1	≤ -150dBc@2×43dBm	N-F	129 x 47.5 x 24mm
AP-698-2700-200W Hybrid 2*2	698-2700MHz	3.1±0.5dB	0.2dB	25dB	1.25:1	≤-153dBc@2*43dBm	N-F	146 x 46 x 23mm
AP-BC4X4-698M2700M-4310F150 Hybrid 4*4	698-2700MHz	6.1 +/-1.0dB	0.5dB	23dB	1.25:1	≤ -153dBc@2*43dBm	4.3-10/F	274.4 x 93 x 38mm
AP-DC1-1G4G-S06	1000-4000MHz	6±0.7dB	0.4dB	20dB	1.2 : 1	-	-	-
AP-DC1-2G18G-S10	2000-18000MHz	10±1dB	0.8dB	12dB	1.5 : 1	-	-	-
AP-DC1-4G18G-S10	4000-18000MHz	10±1dB	0.6dB	12dB	1.5 : 1	-	-	-
AP-DC1-6G18G-S30	6000-18000MHz	30±1.5dB	0.6dB	12dB	1.5 : 1	-	-	-
AP-DC1-8G40G-S30	8000-40000MHz	30±1.0dB	1.5dB	10dB	1.6:1	-	-	-
AP-DC1-18G40G-S10	8000-40000MHz	10±1.0dB	1.1dB	12dB	1.6:1	-	-	-
AP-DC1-18G40G-S20	8000-40000MHz	20±1.0dB	1.0dB	12dB	1.6:1	-	-	-
AP-DC1-2G18G-S10	2000-18000MHz	10±1dB	0.8dB	12dB	1.5 : 1	-	-	-
AP-DC1-4G18G-S10	4000-18000MHz	10±1dB	0.6dB	12dB	1.5 : 1	-	-	-
AP-DC1-6G18G-S30	6000-18000MHz	30±1.5dB	0.6dB	12dB	1.5 : 1	-	-	-
AP-DC1-8G40G-S30	8000-40000MHz	30±1.0dB	1.5dB	10dB	1.6:1	-	-	-
AP-DC1-18G40G-S10	18000-40000MHz	10±1.0dB	1.1dB	12dB	1.6:1	-	-	-
AP-DC1-18G40G-S20	18000-40000MHz	20±1.0dB	1.0dB	12dB	1.6:1	-	-	-
AP-PC-300-500-xNF	300-500MHz	6±1.0dB 10±1.0dB 15±1.0dB 20±1.0dB 30±1.0dB	1.7dB 0.8dB 0.5dB 0.3dB 0.2dB	20dB 13dB	1.25:1	-	N-F	142mm x 37mm x 23mm

Model Number	Frequency Range	Coupling	Insertion Loss	Directivity	VSWR	Intermodulation	Connector	Size
AP-DC-350M2700M -xdBNF AP-DC-350M2700M -xdB4310F AP-DC-350M2700M -xdBDINF	350-2700MHz	5±1.0dB@380-2700MHz 5±1.3dB@350-380MHz	2.3dB	20dB	1.25:1	≤-160, 2x43dBm (Reflection Measurement 900MHz 1800MHz)	N-F 4310-F DIN-F	213.0x 65.0 x23.0mm 217.4 x 67.2.0 x 27.0mm 220.2 x 68.6 x38.0mm
		6±1.0dB@380-2700MHz 6±1.5dB@350-380MHz	1.8dB					
		7±1.0dB@380-2700MHz 7±1.5dB@350-380MHz	1.5dB					
		8±1.0dB@380-2700MHz 8±1.5dB@350-380MHz	1.2dB					
		10±1.2dB@380-2700MHz 10±1.7dB@350-380MHz	1.1dB					
		13±1.2dB@380-2700MHz 13±1.7dB@350-380MHz	0.5dB					
		15±1.2dB@380-2700MHz 15±1.7dB@350-380MHz	0.5dB					
		20±1.2dB@380-2700MHz 20±1.8dB@350-380MHz	0.4dB					
		30±1.5dB@380-2700MHz 30±1.8dB@350-380MHz	0.3dB	18dB				
AP-DC-350M3800M -xdBNF AP-DC-350M3800M -xdB4310F	350-3800MHz	5±1.2dB	2.3dB	20dB 18dB 17dB	1.25:1 1.30:1	≤-160, 2x43dBm (Reflection Measurement 900MHz 1800MHz)	N-F 4310-F	209.5 x 64.5 x28.0mm 213.5 x 66.5 x28.0mm
		6±1.2dB	1.8dB					
		7±1.2dB	1.5dB					
		8±1.2dB	1.2dB					
		10±1.5dB	1.1dB					
		13±1.5dB	0.5dB					
		15±1.5dB 20±1.6dB	0.5dB 0.4dB					
AP-DC-550M6000M -xdBNF	555-6000MHz	5±1.1dB	2.5dB	20dB@555- 3800MHz 18dB@3800 -6000MHz	1.25:1@ 555-380 0MHz 1.30:1@ 3800-60 00MHz	≤-160, 2x43dBm (Reflection Measurement 900MHz 1800MHz)	N-F 4310-F	-
		6±1.1dB	1.9dB					
		7±1.2dB	1.7dB					
		8±1.2dB	1.2dB					
		10±1.2dB	0.9dB					
		13±1.3dB	0.6dB					
		15±1.35dB	0.5dB					
		20±1.4dB	0.3dB					

Model Number	Frequency Range	Coupling	Insertion Loss	Directivity	VSWR	Intermodulation	Connector	Size
AP-PT-136M960M -xdBNF AP-PT-136M960M -xdB4310F	136-960MHz	5dB 7dB 10dB 13dB 15dB 20dB	-	-	1.40:1 1.30:1 1.25:1 1.20:1 1.15:1 1.10:1	≤-160, 2x43dBm (Reflection Measurement 900MHz 1800MHz)	N-F 4310-F	155.6 x 43.0 x 25.0mm 162.0 x 46.0 x 25.0mm
AP-PT-136M2700M -xdBNF AP-PT-136M2700M -xdB4310F AP-PT-136M2700M -xdBDINF	136-350MHz 350-960MHz 1710-2700MHz	5dB 6dB 7dB 8dB 10dB 15dB 20dB	-	-	1.35:1@ 350-960 MHz 1.30:1@ 350-960 MHz 1.25:1@ 1710-27 00MHz 1.25:1@ 350-270 0MHz	≤-160, 2x43dBm (Reflection Measurement 900MHz 1800MHz)	O-F 4310-F DIN-F	140.4 x 43.0 x 25.0mm 146.8 x 46.0 x 25.0mm 144.2 x 45.0 x25.0mm
AP-PT-136M5930M -xdBNF AP-PT-136M5930M -xdB4310F	136-350 MHz 350-520MHz 698-960MHz 1710-2700MHz 3500-4500 MHz 4900-5930MHz	5dB 6dB 7dB 8dB 10dB 13dB 15dB 20dB	-	-	1.3:1@6 94-2700 MHz 1.2:1@6 94-2700 MHz 1.15:1@ 694-270 0MHz 1.45:1@ 350-593 0MHz 1.4:1@3 50-5930 MHz 1.3:1@3 50-5930 MHz 1.2:1@3 50-5930 MHz	≤-160, 2x43dBm	N-F 4310-F	138.1x 45.0 x 25.0mm

Power Divider_

- Frequency: DC-67.5GHz
- Features: Low insertion loss, high isolation, high power, low PIM, waterproof, custom design available.
- Types: Cavity, Microstrip, Waveguide



Model Number	Frequency Range	Ways	Insertion Loss	Isolation	VSWR	Power	Intermodulation	Connector
AP-PD-66-1000-02QNF	66-1000MHz	2-way	3.8dB(66-900MHz) 4.0dB(900-1000MHz)	16dB@66-80MHz 18dB@80-1000M	1.4:1	100W	≤-140dBc @2*43dBm	QN-F
AP-PD4-134M3700M-18N	134-3700MHz	3/4-way	4.2dB	18dB	1.4:1	30W	-	N-F
AP-PD6-200M800M-18SH	200-800MHz	6-way	1.2dB	18dB	1.4:1	50W	-	SMA-F
AP-PD-300-960-03N	300-960MHz	2/3/4-way	0.5dB	20dB	1.25:1	100W	≤-130dBc@2*43dBm	N-F
AP-PD-340M2000M-20N	340-2000MHz	2/3/4-way	0.8dB	20dB	1.5:1	50W	≤-150dBc@2*43dBm	N-F
AP-PS-380M2700M-xNF	380-2700MHz	2/3/4-way	0.25dB	-	1.5:1	300W	≤-150dBc@2*43dBm	N-F
AP-PD4-500M8000M-20S	500-8000MHz	4-way	3.0dB	25dB	1.18:1	30W	-	SMA- F
AP-PD4-0.5G18G-30W	500-18000MHz	4-way	4.0dB	16dB	1.7:1	30W	-	-
AP-PD2-575M3800M-DINF300	575-3800MHz	2/3/4-way	0.3dB	-	1.2:1	300W	≤-155dBc@2*43dBm	7/16(DIN)-F
AP-PD2-575M3800M-4310F300	575-3800MHz	2/3/4-way	0.3dB	-	1.2:1	300W	≤-155dBc@2*43dBm	4.3-10/F
AP-PS-575-6000-XC43di	575-6000MHz	2/3/4-way	0.2dB(575-2700MHz) 0.4dB(2700-6000MHz)	-	1.25:1	300W	≤-160 dBc@2x43dBm	4.3/10-F
AP-PD-698-2700-2N	698-2700MHz	2/3/4-way	0.4dB	-	-	100W	≤-130dBc@2*43dBm	N-F
AP-PD-800M3800M-2N	800-3800 MHz	2-way	3.5dB	20dB	1.25:1	50W	≤-150dBc@2*33dBm	N-F
AP-PD1-700M2700M-20S-1	700-2700MHz	2-way	0.4dB	20dB	1.2: 1	30W	-	SMA-F
AP-PD-800M3800M-2N	800-3800 MHz	2-way	3.5dB	20dB	1.25: 1	50W	≤-150dBc@2*33dBm	N-F
AP-PD2-1G18G-18S	1000-18000MHz	2-way	1.2dB	20dB	1.4:1	20W	-	SMA- F
AP-PD4-1G18G-16S	1000-18000MHz	4-way	3.0dB	18dB	1.4:1	20W	-	SMA- F
AP-PD2-2G8G-20N	2000-8000MHz	2-way	0.8dB	20dB	1.25:1	30W	-	N- F
AP-PD8-2G18G-16S	2000-18000MHz	8-way	3.2dB	18dB	1.5:1	20W	-	SMA- F
AP-PD2-4G8G-20S	4000-8000MHz	2-way	0.3dB	20dB	1.25:1	30W	-	SMA- F
AP-PD2-DC40G-1W	DC-40000MHz	2-way	7.50dB	12dB	1.5:2.5	1W	-	-
AP-PD3-2G8G-30W	2000-8000MHz	3-way	1.1dB	18dB	1.45:1	30W	-	-
AP-PD8-1G12.4G-30W	1000-12400MHz	8-way	3.5dB	16dB	1.8:1	30W	-	-
AP-PD2-1G18G-30W	1000-18000MHz	2-way	1.5dB	16dB	1.5:1	30W	-	-
AP-PD4-6G18G-30W	6000-18000MHz	4-way	1.2dB	18dB	1.6:1	30W	-	-
AP-PD2-6G40G-10W	6000-40000MHz	2-way	1.5dB	16dB	1.6:1	10W	-	-

Model Number	Frequency Range	Ways	Insertion Loss	Isolation	VSWR	Power	Intermodulation	Connector
AP-PD4-7G8.5G-18N	7000-8500MHz	4-way	1.0dB	18dB	1.4:1	30W	-	N- F
AP-PD2-18G40G-20W	18000-40000MHz	2-way	1.2dB	16dB	1.5:1	20W	-	-
AP-PD4-18G40G-20W	18000-40000MHz	4-way	1.6dB	16dB	1.7:1.5	20W	-	-
AP-PD8-18G40G-20W	18000-40000MHz	8-way	2.0dB	16dB	1.8:1.5	20W	-	-
AP-PD-300-960-02N	300-960MHz	-	0.3dB	20dB	1.25:1	100W	-	N-F
AP-PD-300-960-03N	300-960MHz	-	0.5dB	20dB	1.25:1	100W	-	N-F
AP-PD-300-960-04N	300-960MHz	-	0.4dB	20dB	1.25:1	100W	-	N-F
AP-PS2-350M2700M-xF	350-2700MHz	-	0.3dB	-	1.15:1@ 380-270 0MHz 1.25:1@ 350-380 MHz	300W	≤-155dBc@2*43dBm	N-F 4310-F
AP-PS3-350M2700M-xF	350-2700MHz	-	0.4dB	-	1.25:1@ 380-270 0MHz 1.30:1@ 350-380 MHz	300W	≤-155dBc@2*43dBm	N-F 4310-F
AP-PS4-350M2700M-xF	350-2700MHz	-	0.5dB	-	1.30:1	300W	≤-155dBc@2*43dBm	N-F 4310-F
AP-PS2-350M3800M-xF	350-3800MHz	-	0.3dB	-	1.25:1	300W	≤-160 , 2x43dBm (Reflection Measurement 900MHz 1800MHz)	N-F 4310-F
AP-PS3-350M3800M-xF	350-3800MHz	-	0.4dB	-	1.30:1	300W	≤-160 , 2x43dBm (Reflection Measurement 900MHz 1800MHz)	N-F 4310-F

Model Number	Frequency Range	Ways	Insertion Loss	Isolation	VSWR	Power	Intermodulation	Connector
AP-PS4-350M3800M-xF	350-3800MHz	-	0.5dB	-	1.35:1	300W	≤ -160 , 2x43dBm (Reflection Measurement 900MHz 1800MHz)	N-F 4310-F
AP-PS2-555M6000M-xF	555-6000MHz	-	0.2dB@575-2700MHz 0.4dB@ 2700-6000MHz	-	1.20:1@ 575-380 0MHz 1.30:1@ 3800-60 00MHz	300W	≤ -160 , 2x43dBm (Reflection Measurement 900MHz 1800MHz)	N-F 4310-F
AP-PS3-550M6000M-xF	555-6000MHz	-	0.4dB@575-3800MHz 0.7dB@3800-6000MH z	-	1.20:1@ 575-380 0MHz 1.30:1@ 3800-60 00MHz	300W	≤ -160 , 2x43dBm (Reflection Measurement 900MHz 1800MHz)	N-F 4310-F
AP-PS4-550M6000M-xF	555-6000MHz	-	0.5dB@575-3800MHz 0.8dB@3800-6000MH z	-	1.25:1@ 575-380 0Mz 1.35:1@ 3800-60 00MHz	300W	≤ -160 , 2x43dBm (Reflection Measurement 900MHz 1800MHz)	N-F 4310-F

Attenuator

- Frequency: DC-67.5GHz
- Features: high power, low PIM, waterproof, custom design available.
- Types: Coaxial, Chip, Waveguide



Model Number	Frequency Range	Attenuation	Attenuation Accuracy	Ripple	Power	PIM3	Size(L x W x H)
AP-AT-DC3G-10Nx	DC-3000MHz	3dB	±0.4dB	±0.3dB	10W	-	Φ30×58mm
		6dB	±0.4dB	±0.5dB			
		10dB	±0.6dB	±0.7dB			
		15dB	±0.6dB	±0.8dB			
		20dB	±0.6dB	±0.8dB			
AP-RN-25-XX-3	DC-3000MHz	3dB	±0.4dB	±0.3dB	25W	≤-120dBc@2*33dBm	Φ45×109mm
		6dB	±0.4dB	±0.5dB			
		10dB	±0.6dB	±0.7dB			
		15dB	±0.6dB	±0.8dB			
		20dB	±0.8dB	±1.0dB			
		30dB	±0.8dB	±1.0dB			
AP-SNW-50-XX-3	DC-3000MHz	3dB	±0.4dB	±0.3dB	50W	≤-120dBc@2*33dBm	128 x 60 x 60mm
		6dB	±0.4dB	±0.5dB			
		10dB	±0.5dB	±0.7dB			
		15dB	±0.5dB	±0.8dB			
		20dB	±0.6dB	±0.8dB			
		30dB	±0.8dB	±1.0dB			
		40dB	±1.0dB	±1.0dB			
AP-SNW-100-XX-3	DC-3000MHz	3dB	±0.4dB	±0.3dB	100W	≤-120dBc@2*33dBm	165 x 100 x 60mm
		6dB	±0.4dB	±0.5dB			
		10dB	±0.5dB	±0.7dB			
		15dB	±0.5dB	±0.8dB			
		20dB	±0.6dB	±0.8dB			
		30dB	±0.8dB	±1.0dB			
		40dB	±1.0dB	±1.0dB			

Model Number	Frequency Range	Ways	Insertion Loss	Isolation	VSWR	Power	Intermodulation
AP-AT-DC3G-2000Wxx	DC-3000MHz	10dB 20dB 30dB 40dB 50dB 60dB	±2.8dB ±2.5dB ±2.5dB ±2.5dB ±2.5dB ±3.0dB	-	2000W	-	410 x 400 x 147mm
AP-AT-DC6G-25N30	DC-6000MHz	30dB	±1.3dB	-	25W	-	Φ45×109mm
AP-AT-DC6G-100Wx	DC-6000MHz	3dB 6dB 10dB 20dB 30dB 40dB	±1.0dB ±1.0dB ±1.0dB ±1.0dB ±1.0dB ±1.2dB	-	100W	-	78×80×113.5mm
AP-AT-DC6G-300WNx	DC-6000MHz	1-10dB 11-20dB 30-40dB 50dB	±1.2dB ±1.2dB ±1.3dB ±1.5dB	-	300W	-	78×80×280mm
AP-AT-DC18G-2SFMx	DC-18000MHz	1dB 2dB 3dB 5dB 6dB 10dB 15dB 20dB 30dB	±0.5dB ±0.5dB ±0.5dB ±0.5dB ±0.5dB ±0.5dB ±0.7dB ±0.7dB ±0.7dB	-	2W	-	-
AP-AT-DC26.5G-2SFMx	DC-26500MHz	1dB 2dB 3dB 4dB 5dB 6dB 10dB 20dB 30dB	±0.5dB ±0.5dB ±0.5dB ±0.5dB ±0.5dB ±0.5dB ±0.5dB ±0.7dB ±0.7dB	-	2W	-	30.04mm * φ8

Model Number	Frequency Range	Ways	Insertion Loss	Isolation	VSWR	Power	Intermodulation
AP-AT-DC40G-2Wx	DC-40000MHz	1-3dB 4-8dB 9-15dB 16-30dB 31-33dB 34-36dB 37-39dB 40dB	-0.5/+0.8dB -0.7/+0.9dB -0.7/+0.7dB -0.9/+1.0dB -0.8/+0.8dB -0.9/+0.9dB -1.0/+1.0dB -1.2/+1.2dB	-	2W	-	Φ9mm x 15.2mm
AP-AT-DC67G-1.85MFx	DC-67000MHz	1dB 2dB 3dB 4dB 5dB 6dB 7dB 8dB 9dB 10dB 20dB 30dB	-1.0/+1.5dB -1.0/+1.5dB 1.0/+1.5dB -1.0/+1.5dB -1.0/+1.5dB -1.0/+1.5dB -1.0/+1.5dB -1.0/+1.5dB -1.0/+1.5dB -1.0/+1.5dB -1.0/+2.0dB -1.0/+2.0dB	-	1W	-	Φ9mm*16mm
AP-AT-DC18G-xWNx Variable attenuator	DC-18000MHz	0-9dB 10-19dB 20-49dB 50-69dB 70-99dB	±0.8dB ±1.0dB ±1.5dB ±2.0dB ±2.5dB or 3.5%	-	2W,5W	-	Φ48mm x 163mm

Low Noise Amplifier

Product Type	Frequency.Min (MHz)	Frequency.Max (MHz)	Connector	Gain (dB)	Power (dBm)	Noise figure
AP-DLNA8-0.009-1000-1034	0.009	1000	SMA	30	10	2
AP-DLNA8-0.009-1000-1721-A2	0.009	1000	SMA	50	13	1.8
AP-DLNA8-0.009-3000-742	0.009	3000	SMA	15	15	3
AP-DLNA9-0.009-3000-1166	0.009	3000	SMA	40	10	2.5
AP-DLNA8-0.009-3000-013	0.009	3000	SMA	41	15	3
AP-DLNA7-0.009-300-1044	0.009	300	SMA	50	15	2.5
AP-ZLNA-9K-6G-01	0.009	6000	SMA	40	10	3.5
AP-DLNA8-0.009-6000-2483	0.009	6000	SMA	15	10	3
AP-DLNA8-1.5-30-1944	1.5	30	SMA	40	10	1.5
AP-DLNA-30-1000-01	30	1000	SMA	30	15	1.4
AP-DPA8-30-1000-1985	30	1000	N	48	50	
AP-DLNA8-30-2000-2315	30	2000	SMA	30	15	2.2
AP-DLNA8-30-3000-1926	30	3000	SMA	17	10	3
AP-DPA8-30-3000-2338	30	3000	SMA	30	30	
AP-DLNA8-30-3000-2308	30	3000	SMA	40	15	3
AP-DLNA8-30-6000-026	30	6000	SMA	35	15	2.5
AP-DLNA8-30-8000-014	30	8000	SMA	36	12	3
AP-DLNA8-50-4000-2542	50	4000	N	20	20	2.9
AP-DLNA8-100-500-2293	100	500	SMA	30	5	2
AP-DLNA8-100-3000-2313	100	3000	SMA	20	15	1.2
AP-DLNA8-100-3200-1117	100	3200	SMA	28	15	1.7
AP-DLNA-100-6000-14	100	6000	SMA	32	15	1.8
AP-DLNA8-0.1-18G-2223	100	18000	SMA	24	22	4.5
AP-DLNA8-240-480-2075	240	480	SMA	40	10	0.69

Product Type	Frequency.Min (MHz)	Frequency.Max (MHz)	Connector	Gain (dB)	Power (dBm)	Noise figure
AP-DLNA8-400-8000-1209	400	8000	SMA	20	14	2.5
AP-DPA9-400-8000-1165	400	8000	SMA	30	25	2.2
AP-DLNA9-400-8000-1164	400	8000	SMA	30	14	2.5
AP-DLNA8-400-8500-1073	400	8500	SMA	43	14	3
AP-DPA8-400-8500-1067	400	8500	SMA	45	20	
AP-DLNA9-400-18000-1133	400	18000	SMA	45	11	3.3
AP-DPA8-0.4-22G-2032	400	22000	SMA	40	30	
AP-DLNA8-500-2500-2309	500	2500	SMA	30	15	3
AP-DLNA8-500-6500-1722-A2	500	6500	SMA	40	10	2.5
AP-DLNA8-600-1000-1947	600	1000	SMA	45	10	1
AP-DLNA8-800-2500-1645	800	2500	SMA	32	15	0.6
AP-DLNA3-960-1215-1741	960	1215	N	20	17	1.1
AP-DLNA7-1-6G-993	1000	6000	SMA	45	15	1.5
AP-DLNA8-1000-8000-025	1000	8000	SMA	25	2	3
AP-DLNA8-1000-12000-002	1000	12000	SMA	50	15	2.5
AP-DLNA8-1000-18000-741	1000	18000	SMA	15	10	3.3
AP-DPA8-1000-18000-1171	1000	18000	SMA	25	25	
AP-DLNA8-1-18G-2079	1000	18000	SMA	26	10	2.5
AP-DLNA8-1000-18000-965	1000	18000	SMA	30	15	3
AP-DLNA8-1000-18000-015	1000	18000	SMA	38	10	3.3
AP-DLNA-1000-18000-01	1000	18000	SMA	45	15	2.8
AP-DPA8-1000-18000-1012	1000	18000	SMA	50	15	2.8
AP-DLNA8-1500-1600-2454	1500	1600	N	35	15	0.88
AP-DLNA8-1.5-1.64G-2076	1500	1640	SMA	35	10	0.88
AP-DLNA8-1500-2700-2312	1500	2700	SMA	25	15	2
AP-DLNA8-1660-1710-2057	1660	1710	SMA	65	10	0.63
AP-DLNA8-2000-4000-1646	2000	4000	SMA	28	10	1

Product Type	Frequency.Min (MHz)	Frequency.Max (MHz)	Connector	Gain (dB)	Power (dBm)	Noise figure
AP-DLNA8-2-6G-859	2000	6000	SMA	37	12	0.9
AP-DLNA8-2-18G-2310	2000	18000	SMA	15	10	3
AP-DLNA7-2-18G-848	2000	18000	SMA	40	9	6
AP-DLNA8-2-18G-2222	2000	18000	SMA	43	15	2.4
AP-DPA8-2-22G-1046	2000	22000	SMA	40	30	4
AP-DLNA8-2.2-2.7G-2077	2200	2700	SMA	35	10	0.75
AP-DLNA8-3000-5000-1000	3000	5000	SMA	25	15	1
AP-DLNA8-3000-6000-1644	3000	6000	SMA	50	10	1
AP-DLNA8-6-18G-2314	6000	18000	SMA	19	10	3
AP-DLNA8-6000-18000-1566	6000	18000	SMA	25	10	2
AP-DLNA8-7.25-7.75G-2035	7250	7750	waveguide Port	60	10	0.9
AP-DLNA8-10.7-12.75G-2036	10700	12750	waveguide Port	60	10	1
AP-DLNA8-15-25G-2311	15000	25000	SMA	18	3	2
AP-DLNA8-17.7-21.2G-2037	17700	21200	waveguide Port	60	10	1.6
AP-DLNA8-18000-26500-011	18000	26500	SMA	40	10	3
AP-DLNA8-18000-40000-1072	18000	40000	2.92	30	15	4
AP-DLNA8-18000-40000-966	18000	40000	2.92	30	15	4.5
AP-DPA8-18-40G-1878	18000	40000	2.92	30	30	
AP-DLNA8-18-40G-2078	18000	40000	2.92	40	15	3.5
AP-DPA8-18-40G-1313	18000	40000	2.92	40	20	4.2
AP-DLNA7-18-40G-758	18000	40000	2.92	50	10	4
AP-DLNA8-18000-40000-1066	18000	40000	2.92	50	15	4
AP-DLNA8-18-40G-1324	18000	40000	2.4	50	15	4
AP-DLNA7-20-22G-716	20000	22000	2.92	40	10	4
AP-DPA9-22000-40000-1177	22000	40000	2.92	35	20	
AP-DLNA8-26500-40000-012	26500	40000	2.92	45	10	3
AP-DLNA8-40-50G-1325	40000	50000	2.4	50	15	4

RF Load

- Frequency: DC-67.5GHz
- Features: High power, low PIM, waterproof, custom design available.
- Types: Coaxial, Chip, Waveguide



Model Number	Frequency Range	Power	VSWR	Impedance	PIM3	Connector	Size(L x W x H)
AP-AL-03-10W	DC-3000MHz	10W	1.2:1	50Ω	≤-140dBc@2*33dBm	DIN- M	Φ35×62.5mm
AP-DF-RN-25-3	DC-3000MHz	25W	1.2:1	50Ω	-	N-M	Φ45×90mm
AP-AL-03-50W	DC-3000MHz	50W	1.2:1	50Ω	≤-120dBc@2*43dBm	N-M	109 x 60 x 60mm
AP-SNY-100-3	DC-3000MHz	100W	1.2:1	50Ω	≤-120dBc@2*43dBm	N-M	120 x 100 x 60mm
AP-DF-RSB-1-3	DC-6000MHz	1W	1.25:1	50Ω	-	SMA-M	SW8 × 14.5mm
AP-PL-DC18G-1WS	DC-18000MHz	1W	1.15:1	50Ω	-	SMA-M	8.3*8 HEX.
AP-PL-DC40G-2W	DC-40000MHz	2W @ ≤25°C 0.5W @ 100°C	1.35:1	50Ω	-	2.92-M	8.4*φ9.0
AP-PL-DC67G-1W185	DC-67000MHz	1W	1.5:1	50Ω	-	1.85-M	Φ7.8mm*16.5mm
AP-PL-350M6000M-200Wx	350-6000MHz	200W	1.25:1	50Ω	≤160dBc@2X43dBm	N-F	170*224*66mm
AP-AL-380-50W	380-395MHz	50W	1.2:1	50Ω	≤-140dBc@2*33dBm	QN angel -M	80x 40 x 22mm
AP-PL-350M6000M-30WNF	350-6000MHz	30W	1.3:1@350-600MHz 1.25:1@600-4000MHz 1.32:1@4000-6000MHz	50 Ω	≤155dBc@2X43dBm / ≤161dBc@2X43dBm (Typical)	N-F	-
AP-PL-350M6000M-30WNM					≤160dBc@2X43dBm / ≤165dBc@2X43dBm (Typical)	N-M	
AP-PL-350M6000M-30WDINF					≤160dBc@2X43dBm / ≤165dBc@2X43dBm (Typical)	DIN-F	
AP-PL-350M6000M-30WDINM					≤160dBc@2X43dBm / ≤165dBc@2X43dBm (Typical)	DIN-M	
AP-PL-350M6000M-30W4310F					≤160dBc@2X43dBm / ≤165dBc@2X43dBm (Typical)	4.3-10/F	
AP-PL-350M6000M-30W4310M					≤165dBc@2X43dBm (Typical)	4.3-10/M	

Model Number	Frequency Range	Power	VSWR	Impedance	PIM3	Connector	Size(L x W x H)
AP-PL-350M6000M-50WNF	350-6000MHz	50W	1.3:1@350-600MHz 1.25:1@600-4000MHz 1.32:1@4000-6000MHz	50 Ω	≤160dBc@2X43dBm / ≤165dBc@2X43dBm (Typical)	N-F	-
AP-PL-350M6000M-50WNM					≤160dBc@2X43dBm / ≤168dBc@2X43dBm (Typical)	N-M	
AP-PL-350M6000M-50WDINF						DIN-F	
AP-PL-350M6000M-50WDINM					≤160dBc@2X43dBm / ≤168dBc@2X43dBm (Typical)	DIN-M	
AP-PL-350M6000M-50W4310F						4.3-10/F	
AP-PL-350M6000M-50W4310M					≤168dBc@2X43dBm (Typical)	4.3-10/M	
AP-PL-350M6000M-60WDINM	350-6000MHz	60W	1.3:1@350-600MHz 1.25:1@600-4000MHz 1.32:1@4000-6000MHz	50 Ω	≤160dBc@2X43dBm / ≤168dBc@2X43dBm (Typical)	DIN-M	-
AP-PL-350M6000M-60WDINF						DIN-F	
AP-PL-350M6000M-100WNF	350-6000MHz	100W	1.3:1@350-600MHz 1.25:1@600-4000MHz 1.32:1@4000-6000MHz	50 Ω	≤160dBc@2X43dBm / ≤165dBc@2X43dBm (Typical)	N-F	-
AP-PL-350M6000M-100WNM						N-M	
AP-PL-350M6000M-100WDINF						DIN-F	
AP-PL-350M6000M-100WDINM						DIN-M	
AP-PL-350M6000M-100W4310F						4.3-10/F	
AP-PL-350M6000M-100W4310M						4.3-10/M	

Model Number	Frequency Range	Power	VSWR	Impedance	PIM3	Connector	Size(L x W x H)
AP-PL-350M6000M-200WNF	350-6000MHz	200W	1.3:1@350-600MHz 1.25:1@600-4000MHz 1.32:1@4000-6000MHz	50 Ω	$\leq 160\text{dBc}@2\text{X}43\text{dBm}$ / $\leq 165\text{dBc}@2\text{X}43\text{dBm}$ (Typical)	N-F	-
AP-PL-350M6000M-200WNM						N-M	
AP-PL-350M6000M-200WDINF						DIN-F	
AP-PL-350M6000M-200WDINM						DIN-M	
AP-PL-350M6000M-200W4310F						4.3-10/F	
AP-PL-350M6000M-200W4310M						4.3-10/M	

Connector/Adaptor

- Frequency: DC-110GHz
- Types: SMA, BMA, SMB MCX, TNC, BNC, 7/16, N, SMP, SSMA, MMCX



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