



Apex Microwave Co. LTD

Web: www.apextech-mw.com E-mail: sales@apextech-mw.com TEL: [+86-28-85555062](tel:+86-28-85555062)

Add: Yuehu Technology Center, Wuhou District, Chengdu, Sichuan, China

Directional Coupler APC380M960MxNF

Revision record

Date	Version	Author	Revision description	Comment
2024/09/10	V1.0	David.Pu	Created	/

Electrical specification

Parameter	Specifications									
Frequency range	380-960MHz									
Coupling(dB)	3.2	4.8	6	7	8	10	13	15	20	30
Insertion loss(dB)	≤4.2	≤2.5	≤1.8	≤1.5	≤1.4	≤1.1	≤0.8	≤0.7	≤0.5	≤0.3
Accuracy(dB)	±1.4	±1.3	±1.3	±1.3	±1.5	±1.5	±1.6	±1.7	±2.0	±2.1
Isolation(dB)	≥21	≥23	≥24	≥25	≥26	≥28	≥30	≥32	≥36	≥46
VSWR	≤1.3									
Impedance	50 Ohms									
Power(W)	200W/Port									
Temp(deg)	-30°C to 65°C									



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Mechanical specification

Outline

Dimension	L x W x H: 228 x 69.5 x 29mm(± 2 mm)
Connector	N-Female
Color	Black
Application	Indoor or Outdoor IP65
Humidity	5%-95%
Weight	0.76kg
Notes	Material shall be RoHS 6/6

