

Directional Coupler

ADC0.45G18G9SF

Revision record

Date	Version	Author	Revision description	Comment
2024/09/19	V1.0	Vivian	Created	/

Electrical specification

Parameter	Specification
Frequency range	0.45~18GHz
Insertion Loss	≤1.6dB (Excl. Coupling Loss 0.59dB)
Coupling Factor	≤9±1.0dB
Coupling Sensitivity	≤±1.4dB@0.45-0.59GHz ≤±1.0dB@0.6-18GHz
Directivity	≥15dB
VSWR	Primary ≤1.45:1 Secondary ≤1.45:1
Power Handling	Incident ≤20Watt; Reflected ≤1Watt
Impedance	50Ω

Mechanical specification

Parameter	Specification
Dimension	113x17x11mm
Connector	SMA-Female
Notes	Material shall be RoHS 6/6

Outline

