

Rev:A00

## SMA-M&SMP-F-L-2.05mm AL Cable



Cable length, connector, cable diameter and bending mode can be customized.

### Technical requirements

Item	Specification
Impedance	50Ω
Frequency range	DC-12GHz,12GHz-18GHz
Return loss	≥20dB@DC-12GHz(300K) ≥17dB@12-18GHz(300K) ≥19dB@DC-12GHz(77K) ≥16dB@12-18GHz(77K)
Insert loss	≤3dB@18GHz
Insulation resistance	≥5000MΩ
Temperature	10mK-300K
Connector	SMA-M & SMP-F

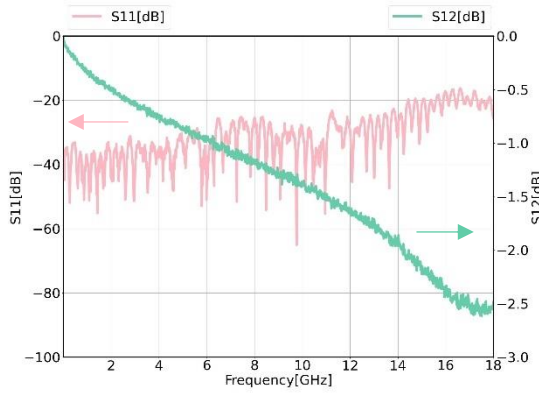
### Material and surface

	Item	Material	Surface
SMA Connector	Outer conductor	Beryllium bronze	Non-magnetic gold plated
	Center conductor	Beryllium bronze	Non-magnetic gold plated
	Connector-dielectric	PTFE	/
SMP Connector	Outer conductor	Beryllium bronze	Non-magnetic gold plated
	Center conductor	Beryllium bronze	Non-magnetic gold plated
	Connector-dielectric	PTFE	/
	Cable	Al	/

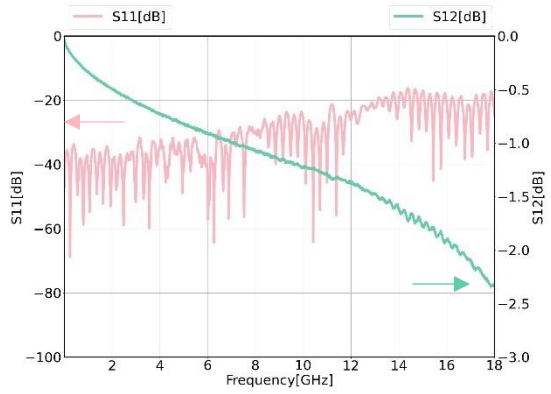
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Test results (CASG01813A583)

Measure data,  $T_{amb}=300K$



Measure data,  $T_{amb}=77K$



Outline drawing (Unmarked tolerance:  $\pm 0.1mm$ )

