

**SMA
PLUG**

**SMA
JACK**



MECHANICAL SPECIFICATIONS

	Type	Geometry		Material & finishing	
Connector 1	SMA Plug	Straight		Passivated Stainless Steel	
Connector 2	SMA Jack	Straight		Passivated Stainless Steel	
	Type	Dielectric	Jacket	Ext. diam.	Op. Temp.
Cable	TFC205P	LD-PTFE	PUR	5.2 mm	-50/+85 °C

ELECTRICAL SPECIFICATIONS

Frequency range	DC – 26.5 GHz VSWR ≤1.22 (RL ≥20 dB)		
Impedance	50 Ω		
Frequency (GHz)	Typical Attenuation (dB/m)	Frequency (GHz)	Typical Attenuation (dB/m)
1.0	0.39	10.0	1.39
2.0	0.56	14.0	1.70
4.0	0.82	18.0	1.98
6.0	1.03	26.5	2.52



Part

Standard length

S02S12-8F-00500	L = 50 cm
S02S12-8F-00750	L = 75 cm
S02S12-8F-01000	L = 100 cm
S02S12-8F-01500	L = 150 cm
S02S12-8F-02000	L = 200 cm

Part

Custom length

S02S12-8F-“L”	Replace L with cable length in mm
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S02S12-8F Series