



MECHANICAL SPECIFICATIONS

	Type	Geometry	Material & finishing		
Connector 1	SMA Plug	Straight	Gold-plated Stainless Steel		
Connector 2	SMA Plug	Right angle	Gold/Passiv Stainless Steel		
	Type	Dielectric	Jacket	Ext. diam.	Op. Temp.
Cable	HF141-50-FEP	PTFE	FEP	4.14 mm	-65/+165 °C

ELECTRICAL SPECIFICATIONS

Frequency range	DC – 13 GHz	13 – 18 GHz
	VSWR ≤1.15 (RL ≥23 dB)	VSWR ≤1.22 (RL ≥20 dB)
Impedance	50 Ω	

Frequency (GHz)	Typical Attenuation (dB/m)	Frequency (GHz)	Typical Attenuation (dB/m)
0.5	0.27	8.0	1.30
1.0	0.39	15.0	1.95
2.0	0.58	18.0	2.22
5.0	1.00	26.5	2.90

Part #	Standard length
S02S07-4F-00100	L = 10 cm
S02S07-4F-00200	L = 20 cm
S02S07-4F-00300	L = 30 cm
S02S07-4F-00400	L = 40 cm
S02S07-4F-00500	L = 50 cm
S02S07-4F-00750	L = 75 cm
S02S07-4F-01000	L = 100 cm

Part #	Custom length
S02S07-4F-"L"	Replace L with cable length in mm



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S02S07-4F Series