



#### MECHANICAL SPECIFICATIONS

	Type	Geometry	Material & finishing		
<b>Connector 1</b>	SMA Plug	Straight	Gold-plated Stainless Steel		
<b>Connector 2</b>	SMA Plug	Straight	Gold-plated Stainless Steel		
	Type	Dielectric	Jacket	Ext. diam.	Op. Temp.
<b>Cable</b>	HF141-50	PTFE	-	3.52 mm	-65/+165 °C

#### ELECTRICAL SPECIFICATIONS

<b>Frequency range</b>	DC – 12.4 GHz VSWR ≤1.20 (RL ≥21 dB)	12.4 – 26.5 GHz VSWR ≤1.29 (≥18 dB)
<b>Impedance</b>	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
S02S02-40-00100	L = 10 cm
S02S02-40-00200	L = 20 cm
S02S02-40-00300	L = 30 cm
S02S02-40-00400	L = 40 cm
S02S02-40-00500	L = 50 cm
S02S02-40-00750	L = 75 cm
S02S02-40-01000	L = 100 cm

Part #	Custom length
S02S02-40-"L"	Replace L with cable length in mm

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**S02S02-40 Series**