



MECHANICAL SPECIFICATIONS

	Type	Geometry		Material & finishing	
Connector 1	SMA Plug	Straight		Gold-plated Brass	
Connector 2	SMA Plug	Straight		Gold-plated Brass	
	Type	Dielectric	Jacket	Ext. diam.	Op. Temp.
Cable	RG142B/U	PTFE	FEP	4.95 mm	-65/+165 °C

ELECTRICAL SPECIFICATIONS

Frequency range	DC – 6 GHz VSWR ≤1.22 (RL ≥20 dB)		
Impedance	50 Ω		
Frequency (MHz)	Typical Attenuation (dB/m)	Frequency (MHz)	Typical Attenuation (dB/m)
50	0.09	1000	0.46
150	0.16	2400	0.76
450	0.29	5500	1.25

Part #	Standard length
S02S02-05-00250	L = 25 cm
S02S02-05-00500	L = 50 cm
S02S02-05-00750	L = 75 cm
S02S02-05-01000	L = 100 cm
S02S02-05-01500	L = 150 cm
S02S02-05-02000	L = 200 cm
S02S02-05-03000	L = 300 cm
Part #	Custom length
S02S02-05-“L”	Replace L with cable length in mm



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S02S02-05 Series