



MECHANICAL SPECIFICATIONS

	Type	Geometry	Material & finishing		
Connector 1	SMA Plug	Straight	Gold-plated Brass		
Connector 2	SMA Plug	Right Angle	Gold-plated Brass		
	Type	Dielectric	Jacket	Ext. diam.	Op. Temp.
Cable	RG223/U	PE	PVC	5.4 mm	-25/+85 °C

ELECTRICAL SPECIFICATIONS

Frequency range	DC – 10 GHz	10 – 12.4 GHz
	VSWR 1.22 (20 dB RL)	VSWR 1.43 (15 dB RL)
Impedance	50 Ω	

Frequency (MHz)	Typical Attenuation (dB/m)	Frequency (MHz)	Typical Attenuation (dB/m)
50	0.10	2400	0.78
150	0.18	5500	1.27
450	0.31	8000	1.60
1000	0.48	10000	1.85

Part #	Standard length
S02S07-12-00250	L = 25 cm
S02S07-12-00500	L = 50 cm
S02S07-12-00750	L = 75 cm
S02S07-12-01000	L = 100 cm
S02S07-12-01500	L = 150 cm
S02S07-12-02000	L = 200 cm
S02S07-12-03000	L = 300 cm

Part #	Custom length
S02S07-12-"L"	Replace L with cable length in mm



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S02S07-12 Series