



MECHANICAL SPECIFICATIONS					
	Type	Geometry		Material & finishing	
Connector 1	SMA Plug	Straight		Passivated Stainless Steel	
Connector 2	SMA Plug	Straight		Passivated Stainless Steel	
	Type	Dielectric	Jacket	Ext. diam.	Op. Temp.
Cable	LLPS309	LD-PTFE	FEP	7.85 mm	-55/+150 °C
ELECTRICAL SPECIFICATIONS					
Frequency range	DC – 18 GHz VSWR ≤1.15 (RL ≥23 dB)				
Impedance	50 Ω				
Frequency (GHz)	Typical Attenuation (dB/m)	Frequency (GHz)	Typical Attenuation (dB/m)		
0.3	0.08	10.0	0.49		
1.0	0.15	14.0	0.59		
3.0	0.26	16.0	0.63		
6.0	0.37	18.0	0.67		

Part #	Standard length
S02S02-83-00500	L = 50 cm
S02S02-83-00750	L = 75 cm
S02S02-83-01000	L = 100 cm
S02S02-83-01500	L = 150 cm
S02S02-83-02000	L = 200 cm
S02S02-83-03000	L = 300 cm
S02S02-83-04000	L = 400 cm
S02S02-83-05000	L = 500 cm
Part #	Custom length
S02S02-83-"L"	Replace L with cable length in mm



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# S02S02-83 Series