



MECHANICAL SPECIFICATIONS					
	Type	Geometry		Material & finishing	
Connector 1	N Jack 4-hole Flange	Straight		Nickel-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 – 4 GHz VSWR ≤1.22 (RL ≥20 dB)		4 – 6 GHz VSWR ≤1.38 (RL ≥16 dB)		
Impedance	50 Ω				
Frequency (MHz)	Typical Attenuation (dB/m)	Frequency (MHz)	Typical Attenuation (dB/m)		
10	0.04	450	0.31		
50	0.09	1000	0.47		
100	0.14	2400	0.77		
150	0.18	5500	1.27		

Part #	Standard length
N18S07-12-00250	L = 25 cm
N18S07-12-00500	L = 50 cm
N18S07-12-00750	L = 75 cm
N18S07-12-01000	L = 100 cm
N18S07-12-01500	L = 150 cm
N18S07-12-02000	L = 200 cm
N18S07-12-03000	L = 300 cm
Part #	Custom length
N18S07-12-“L”	Replace L with cable length in mm



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**N18S07-12 Series**