



**MECHANICAL SPECIFICATIONS**

	Type	Geometry	Material & finishing		
<b>Connector 1</b>	N Jack 4-hole Flange	Straight	Nickel-plated Brass		
<b>Connector 2</b>	SMA Plug	Right angle	Gold-plated Brass		
	Type	Dielectric	Jacket	Ext. diam.	Op. Temp.
<b>Cable</b>	RG223/U	PE	PVC	5.4 mm	-25/+85 °C

**ELECTRICAL SPECIFICATIONS**

<b>Frequency range</b>	DC – 4 GHz VSWR ≤1.22 (RL ≥20 dB)	4 – 6 GHz VSWR ≤1.38 (RL ≥16 dB)
<b>Impedance</b>	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
N16S07-12-00250	L = 25 cm
N16S07-12-00500	L = 50 cm
N16S07-12-00750	L = 75 cm
N16S07-12-01000	L = 100 cm
N16S07-12-01500	L = 150 cm
N16S07-12-02000	L = 200 cm
N16S07-12-03000	L = 300 cm

Part #	Custom length
N16S07-12-“L”	Replace L with cable length in mm



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**N16S07-12 Series**