



**MECHANICAL SPECIFICATIONS**

	Type	Geometry	Material & finishing		
<b>Connector 1</b>	N Plug	Straight	Passivated Stainless Steel		
<b>Connector 2</b>	N Plug	Straight	Passivated Stainless Steel		
	Type	Dielectric	Jacket	Ext. diam.	Op. Temp.
<b>Cable</b>	LLPS309	LD-PTFE	FEP	7.85 mm	-55/+150 °C

**ELECTRICAL SPECIFICATIONS**

<b>Frequency range</b>	DC – 18 GHz VSWR ≤1.15 (RL ≥23 dB)
<b>Impedance</b>	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
N02N02-83-00500	L = 50 cm
N02N02-83-00750	L = 75 cm
N02N02-83-01000	L = 100 cm
N02N02-83-01500	L = 150 cm
N02N02-83-02000	L = 200 cm
N02N02-83-03000	L = 300 cm
N02N02-83-04000	L = 400 cm
N02N02-83-05000	L = 500 cm

Part #	Custom length
N02N02-83-"L"	Replace L with cable length in mm



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**N02N02-83 Series**