



N Female Connector for 1/2" Coaxial Cable, Panel mount Plast 2000 sealing

Product Description

Radio Frequency Systems line of high performance coaxial cable connectors are designed specifically to provide the highest quality connector-cable interface while simplifying and speeding up the attachment of connectors to CELLFLEX® coaxial cables. RFS connectors are fully tested for mechanical and electrical compliance specifications. They are available in all popular cable sizes in a variety of mating interfaces. The N connector is one of the most common RF connector types. N type connectors from RFS will be delivered with a non-slotted outer conductor contact sleeve and a special gasket. Due to a special design of the coupling nut (without spring ring) N connectors can be tightened with increased torque. This increases the contact pressure.



Features/Benefits

Technical Specifications

Transmission Line Type	Coaxial Cable
Cable Size	1/2"
Cable Type	Foam Dielectric, Air Dielectric
Model Series	LCF12-50 Series, ICA12-50 Series
Connector Interface	N
Nominal Impedance, ohms	50
Connector Type	Panel mount
Sealing Method	Plast 2000
Gender	Female
Plating Outer/Inner	Silver/Silver
Length, mm (in)	51 (2)
Outer Diameter, mm (in)	34 (1.3)
Weight, kg (lb)	0.19 (0.42)
Inner Contact Attachment	Basket
Outer Contact Attachment	Spring Finger
3rd Order IM Product @ 2x20 Watts, dBc	<-156
Maximum Frequency, GHz	6.0
VSWR (Return Loss, dB)	0 < f = 1.0 GHz: 1.02 (40.0) 1.0 < f = 2.7 GHz: 1.03 (36.6) 2.7 < f = 3.8 GHz: 1.08 (28.3)
Wrench size front, mm (in)	24 (15/16)
Wrench size rear, mm (in)	19 (3/4)
Trimming Tool	TRIM-Series-A
Waterproof Level	IP68
Sealing Volume, cm3 (ounces)	4 (0.14)

Notes

Other Documentation



N Female Connector for 1/2" Coaxial Cable, Panel mount Plast 2000 sealing

