

N Male Connector for 1/2" Coaxial Cable, RAPID FIT™ Plast 2000 sealing

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.



Product Specifications

Transmission Line Type	Coaxial Cable
Cable Size	1/2"
Cable Type	Foam Dielectric, Radiating
Mating Interface	N
Connector Type	RAPID FIT™
Sealing Method	Plast 2000
Gender	Male
Plating Outer/Inner	Silver/Silver
Length, mm (in)	58.6 (2.3)
Outer Diameter, mm (in)	22.0 (0.9)
Weight, kg (lb)	0.11 (0.25)
Inner Contact Attachment	Basket
Outer Contact Attachment	Spring Finger
3rd Order IM Product @ 2x20 Watts, dBc	<-156
Return Loss, min (VSWR, max), dB (VSWR)	1.08
Maximum Frequency, GHz	3.7
Trimming Tool	TRIM-Series-A
Waterproof level	IP66 and IP68
Sealing Volume, cm ³ (ounces)	4 (0.14)

RADIO FREQUENCY SYSTEMS



www.rfsworld.com

N Male Connector for 1/2" Coaxial Cable, RAPID FIT™ Plast 2000 sealing

Features/Benefits

- **Single-piece design for Fast and Easy Installation**
Reliable and simple attachment avoids unnecessary connector adjustments and provides outstanding performance every time. Saves time and provides cost savings.
- **Robust Mechanical Design**
Low and consistent intermodulation performance guarantees outstanding system sensitivity.
- **Excellent Electrical Performance**
Consistent and repeatable low VSWR improves overall system performance and margin and reduces mismatch losses
- **Totally Waterproof according to IP 66/68**
Assures safe, long term operation in the harshest of environments.

