

N Male Connector for 3/8" Coaxial Cable, RAPID FIT™ O-ring 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.

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 68 Assures safe, long term operation in the harshest of environments.



RAPIT FIT™ Connectors

External Document Links Installation Instruction

GENERAL SPECIFICATIONS			
Transmission Line Type		Coaxial Cable	
Cable Size		3/8	
Cable Type		Foam Dielectric	
Connector Interface		N	
Connector Type		RAPID FIT™	
Sealing Method		O-ring	
Gender		Male	
ELECTRICAL SPECIFICATIONS			
Nominal Impedance, ohms	Ohm	50	
3rd Order IM Product @ 2x20 Watts	dBc	<-156	
Maximum Frequency	GHz	3.7	
VSWR, Return Loss	VSWR (dB)	0 < f ≤ 1.0 GHz: 1.02 (40) 1.0 < f ≤ 2.7 GHz: 1.03 (36.6) 2.7 < f ≤ 3.7 GHz: 1.08 (28.3)	
MECHANICAL SPECIFICATIONS			
Plating Outer/Inner		Silver/Silver	
Length	mm (in)	53.1 (2.1)	
Outer Diameter	mm (in)	22 (0.9)	
Inner Contact Attachment		Basket	
Outer Contact Attachment		Spring Finger	

Notes

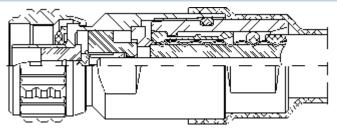
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ACCESSORIES		
Wrench size front	mm (in)	17 (11/16)
Wrench size rear	mm (in)	15 (9/16)
Trimming Tool		TRIM-38-L03
TESTING AND ENVIRONMENTAL		

Waterproof Level	IP68	



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