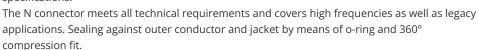


N Male Connector for 1/2" Coaxial Cable, OMNI FIT™ Premium, Straight, O-Ring and 360° sealing rubber

OMNI FIT™ high performance connectors are designed for use with both CELLFLEX® (copper) and CELLFLEX® Lite (aluminium) cables. They are designed specifically to provide the highest quality connector-cable interface while simplifying and speeding up connector attachment. All RFS connectors are fully tested for mechanical and electrical compliance to industry specifications.



FEATURES / BENEFITS

- Ultra high PIM performance i.e. reduced interference leading to high customer satisfaction
- Two-piece design i.e. visual inspection of interlocking leads to improved installation security
- OMNI FIT™ concept i.e. streamlined order management and reduced stock level
- · Watertight sealing in mated and unmated condition, i.e. reduced efforts during installation and improved security during operation
- Tri metal alloy plating i.e. extreme resistance against corrosion even under hardest climatic and environmental circumstances
- Multi-thread (Tristart) design i.e. simplified and accelerated tightening process
- RoHS (EU) and CRoHS (China) compliant i.e. can be used on a global basis

Technical features

GENERAL SPECIFICATIONS	
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CENTENTEST ECHTORIS				
Transmission Line Type	Coaxial Cable			
Cable Size	1/2			
Cable Type	Foam Dielectric Superflexible			
Model Series	LCF12-50 Series			
Connector Interface	N			
Connector Type	OMNI FIT™ PREMIUM Straight			
Sealing Method	sealing rubber			
Gender	Male			

ELECTRICAL SPECIFICATIONS

Nominal Impedance, ohms	Ohm	50
3rd Order IM Product @ 2x20 Watts	dBc	-158 ; typical -162
Maximum Frequency	GHz	6
VSWR, Return Loss	VSWR (dB)	$0 < f \le 1.0 \text{ GHz: } 1.02 \text{ (40)}$ $1.0 < f \le 2.2 \text{ GHz: } 1.03 \text{ (37)}$ $2.2 < f \le 2.7 \text{ GHz: } 1.03 \text{ (36)}$ $2.7 < f \le 3.8 \text{ GHz: } 1.07 \text{ (30)}$ $3.8 < f \le 5.0 \text{ GHz: } 1.11 \text{ (26)}$ $5.0 < f \le 6.0 \text{ GHz: } 1.15 \text{ (23)}$

MECHANICAL SPECIFICATIONS

Plating Outer/Inner		Tri metal alloy / Silver
Length	mm (in)	63.7 (2.51)
Outer Diameter	mm (in)	24 (0.94)
Inner Contact Attachment		Spring Finger
Outer Contact Attachment		360° clamping

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ACCESSORIES						
Wrench size front	mm (in)	22				
Wrench size rear	mm (in)	22				
Trimming Tool		TRIM-SET-L12-D01, TRIM-LCF12-D01-A				
TESTING AND ENVIRONMENTAL						
Waterproof Level		IP68				
External Document Links		Notes				
Installation Instruction						

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