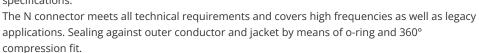


N Male Connector for 7/8" Coaxial Cable, OMNI FIT™ Premium, Straight, O-Ring and 360° compression sealing

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 SPECIFICATION	

021121012 51 2011101110115	
Transmission Line Type	Coaxial Cable
Cable Size	7/8
Cable Type	Foam Dielectric Superflexible
Model Series	LCF78-50 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	6.0
VSWR, Return Loss	VSWR (dB)	0 < $f \le 1.0$ GHz: 1.02 (40) 1.0 < $f \le 2.2$ GHz: 1.03 (37) 2.2 < $f \le 2.7$ GHz: 1.03 (36) 2.7 < $f \le 3.8$ GHz: 1.07 (30) 3.8 < $f \le 5.0$ GHz: 1.11 (26) 5.0 < $f \le 6.0$ GHz: 1.15 (23)

MECHANICAL SPECIFICATIONS

Plating Outer/Inner		Tri metal alloy / Silver
Length	mm (in)	77.6 (3.06)
Outer Diameter	mm (in)	37 (1.46)
Inner Contact Attachment		Spring Finger
Outer Contact Attachment		360° clamping

NM-LCF78-E01 REV: B REV DATE: 04 Aug 2022 www.rfsworld.com



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CCESSORIES			
/rench size front	mm (in)	34	
/rench size rear	mm (in)	34	
rimming Tool		TRIM-SET-L78-D01, TRIM-LCF78-D01-A	
ESTING AND ENVIRONMENTA	AL .		
Vaterproof Level		IP68	
External Document Links nstallation Instruction		Notes	

NM-LCF78-E01 REV : B REV DATE : 04 Aug 2022 **www.rfsworld.com**