



N Male Connector for 1/2" Coaxial SuperFlexibleCable, OMNI FIT™ standard

Product Description

OMNI FIT™ high performance connectors are designed for use with both CELLFLEX® (copper) and CELLFLEX® Lite (aluminum) 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

- Cost effective two-piece design for safe and easy installation
- Robust mechanical design for low and consistent intermodulation performance i.e. keeps the mobile network performance up, reduces the number of dropped calls and avoids revenue losses
- Standard electrical performance for consistent and repeatable VSWR i.e. ensure network system performance
- Waterproof to IP 68 i.e. no downtime risk, secures revenue
- RoHS (EU) compliant i.e. can be used on a global basis

Technical Specifications

Transmission Line Type	Coaxial Cable
Cable Size	1/2"
Cable Type	Foam Dielectric Superflexible
Model Series	SCF12-50 Series
Connector Interface	N
Nominal Impedance, ohms	50
Connector Type	OMNI FIT™ Standard
Sealing Method	O-ring
Gender	Male
Plating Outer/Inner	Trimetal/Silver
Inner Contact Attachment	Basket
Outer Contact Attachment	Rigidity impaction
3rd Order IM Product @ 2x20 Watts, dBc	-160 typical
Maximum Frequency, GHz	6.0
Wrench size front, mm (in)	16 (0.63)
Wrench size rear, mm (in)	18 (0.71)
Trimming Tool	TRIM-SET-S12-C02
Waterproof Level	IP68

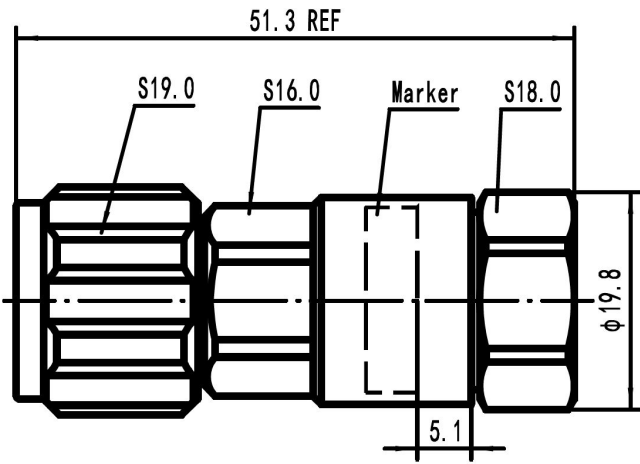
Notes

Other Documentation

[10000018601-04_Inst_Con_SCF12-C03.pdf](#)



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All information contained in the present datasheet is subject to confirmation at time of ordering