

**NM-SCF12-ECO**

N Male Connector for 1/2" Coaxial Superflexible Cable, ECO-Series



ECO Series connectors are designed for use with CELLFLEX® cables.

Features / Benefits

- Cost effective two-piece design for safe and easy installation
- Superior electrical performance for consistent and repeatable VSWR i.e. ensure network system performance
- Waterproof to IP 67 i.e. no downtime risk, secures revenue
- RoHS (EU) and CRoHS (China) compliant i.e. can be used on a global basis

Technical Features**STRUCTURE**

Cable Type	SCF
Cable Size	1/2"
Qualified Cable Types	SCF12-50J / JFN-ECO
Model Series	ECO Standard Series
Connector Interface Size	N
Connector Interface Gender	Male

MECHANICAL SPECIFICATIONS

Connector Length	45.3mm (1.783in)
Connector Outer Diameter	21mm (0.827in)
Inner Conductor Material / Coating	Bronze Alloy / Silver Plated
Outer Conductor Material / Coating	Brass Alloy / Trimetal
Insulation Material	PTFE
Sealing Method	O-Ring

ELECTRICAL SPECIFICATIONS

Nominal Impedance	50 Ω	
Connector Frequency Range	DC - 6.0 GHz GHz	
PIM ratio Typical (2 x 20 W Carrier)	-155 dBc	
Frequency Range	VSWR	Return Loss
DC < f ≤ 1000MHz	1.1	26.4
1000 < f ≤ 2700MHz	1.13	24.3
2700 < f ≤ 3000MHz	1.15	23.1
3000 < f ≤ 5800	1.3	17.7

TESTING AND ENVIRONMENTAL

Ingress Protection (IP) Rating	IP67
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ACCESSORIES

Wrench Size Connector Interface	21mm (0.827in)
Wrench Size Connector Front Part	17.5mm (0.689in)
Wrench Size Connector Rear Part	18mm (0.709in)
Trimming Tool	TRIM-SET-S12-C02



Related Documents



Installation Instruction **SCF12-ECO
Installation Instructions