

**NF-LCF78-ECO**

N Female Connector for 7/8" Coaxial Cable, ECO-Series



ECO Series connectors are designed for use with CELLFLEX® ECO 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	LCF
Cable Size	7/8"
Qualified Cable Types	LCF78-50JA / JFNA-ECO
Model Series	LCF78-50 Series
Connector Interface Size	N
Connector Interface Gender	Female

MECHANICAL SPECIFICATIONS

Connector Length	49mm (1.929in)
Connector Outer Diameter	34mm (1.339in)
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
690 < f ≤ 960MHz	1.1	26.4
1700 < f ≤ 2700MHz	1.13	24.3
2700 < f ≤ 3000MHz	1.15	23.1
3000 < f ≤ 5000	1.2	20.8

TESTING AND ENVIRONMENTAL

Ingress Protection (IP) Rating	IP67
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ACCESSORIES

Wrench Size Connector Front Part	32mm (1.26in)
Wrench Size Connector Rear Part	32mm (1.26in)
Trimming Tool	TRIM-SET-L78-C02

Related Documents

 **Installation Instruction ****-LCF78-ECO
Installation Instructions