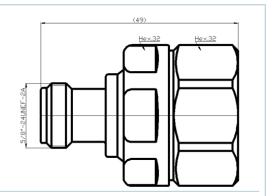
ECO Series connectors are designed for use with CELLFLEX® cables.

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

GENERAL SPECIFICATIONS

Transmission Line Type	Coaxial Cable
Cable Size	7/8
Cable Type	Foam Dielectric
Model Series	LCF78-50 Series
Connector Interface	N
Connector Type	ECO Series
Sealing Method	O-ring
Gender	Female

ELECTRICAL SPECIFICATIONS

Nominal Impedance, ohms	Ohm	50
3rd Order IM Product @ 2x20 Watts	dBc	-155 @1800MHz
Maximum Frequency	GHz	5
VSWR, Return Loss	VSWR (dB)	690 < f ≤ 960MHz: 1.10 (26.4) 1700 < f ≤ 2700MHz: 1.13 (24.3) 2700 < f ≤ 3000MHz: 1.15 (23.1) 3000 < f ≤ 5000: 1.20 (20.8)

MECHANICAL SPECIFICATIONS

Plating Outer/Inner		Trimetal/Silver
Length	mm (in)	49 (1.929)
Outer Diameter	mm (in)	34 (1.339)
Inner Contact Attachment		Spring Finger
Outer Contact Attachment		Spring Finger

ACCESSORIES

Wrench size front	mm (in)	32
Wrench size rear	mm (in)	32

TESTING AND ENVIRONMENTAL

		_
Waterproof Level	IP67	

External Document Links

10000036998-01_inst_con_lcf78-eco.pdf

Notes

NF-LCF78-ECO REV : B REV DATE : 04 Jul 2024 www.rfsworld.com