



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		1/2
Cable Type		Foam Dielectric
Model Series		LCF12-50 Series
Connector Interface		7/16
Connector Type		ECO Series
Sealing Method		O-ring
Gender		Male

**ELECTRICAL SPECIFICATIONS**

Nominal Impedance, ohms	Ohm	50
3rd Order IM Product @ 2x20 Watts	dBc	-155 @1800MHz
Maximum Frequency	GHz	6
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**

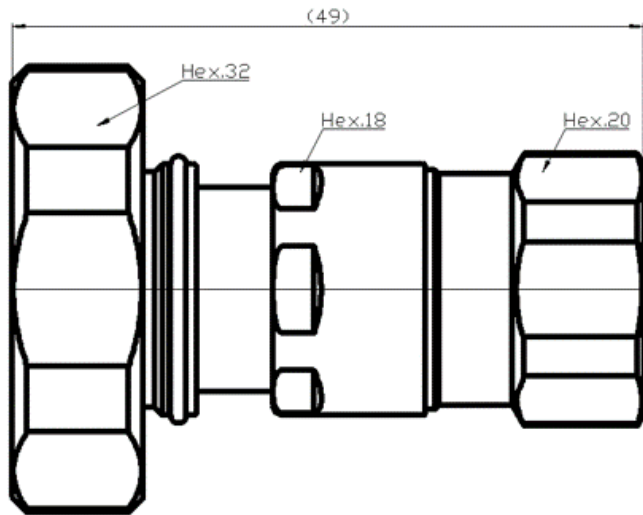
Plating Outer/Inner		Trimetal/Silver
Length	mm (in)	49 (1.929)
Outer Diameter	mm (in)	34 (1.339)
Inner Contact Attachment		Spring Finger
Outer Contact Attachment		Spring Finger

**ACCESSORIES**

Wrench size front	mm (in)	18
Wrench size rear	mm (in)	20

**TESTING AND ENVIRONMENTAL**

Waterproof Level		IP67
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External Document Links

[10000037510-01\\_install-instr\\_conn-eco\\_lcf12.pdf](#)

Notes