

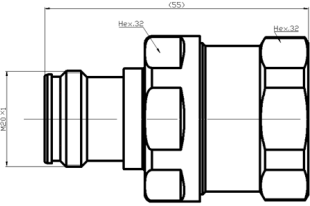


**43F-LCF78-ECO\_PRELIMINARY\_XiXia**  
4.3-10 Female Connector for 7/8" Coaxial Cable, ECO-Series

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

**Feature / 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**

Cable Size	7/8
Cable Type	Foam Dielectric
Model Series	LCF78-50 Series
Connector Interface	4.3-10
Connector Type	ECO Series
Sealing Method	O-ring

**TESTING AND ENVIRONMENTAL**

Waterproof Level	IP67
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**MECHANICAL SPECIFICATIONS**

Plating Outer/Inner	Trimetal/Silver
Length	55mm (2.165in)
Outer Diameter	36mm (1.417in)
Inner Contact Attachment	Spring Finger
Outer Contact Attachment	Spring Finger

**ELECTRICAL SPECIFICATIONS**

Nominal Impedance	50 ohms	
3rd Order IM Product @ 2x20 Watts	-155 @1800MHz	
Maximum Frequency	5 GHz	
Frequency Range	VSWR value	Return Loss value
690 < f ≤ 960MHz	1.1	26.44
1700 < f ≤ 2700MHz	1.13	24.29
2700 < f ≤ 3000MHz	1.15	23.13
3000 < f ≤ 5000	1.2	20.83

External Document Links

Notes



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**Related Documents**

 **TML Value Proposition**  
Value Propositions