

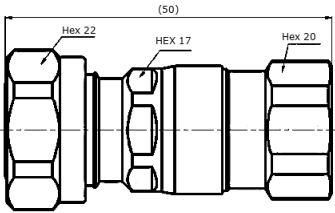


**43M-LCF12-ECO\_Draft**  
4.3-10 Male Connector for 1/2" Coaxial Cable, ECO-Series

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          | 1/2             |
| Cable Type          | Foam Dielectric |
| Model Series        | LCF12-50 Series |
| Connector Interface | 4.3-10          |
| Connector Type      | ECO Series      |
| Sealing Method      | O-ring          |

**TESTING AND ENVIRONMENTAL**

|                  |      |
|------------------|------|
| Waterproof Level | IP67 |
|------------------|------|

**MECHANICAL SPECIFICATIONS**

|                          |                 |
|--------------------------|-----------------|
| Plating Outer/Inner      | Trimetal/Silver |
| Length                   | 50mm (1.969in)  |
| Outer Diameter           | 24mm (0.945in)  |
| Inner Contact Attachment | Spring Finger   |
| Outer Contact Attachment | Spring Finger   |

**ELECTRICAL SPECIFICATIONS**

|                                   |                            |                   |
|-----------------------------------|----------------------------|-------------------|
| Nominal Impedance                 | 50 ohms                    |                   |
| 3rd Order IM Product @ 2x20 Watts | typ. -160dBc; min. -155dBc |                   |
| Maximum Frequency                 | 6 GHz                      |                   |
| Frequency Range                   | VSWR value                 | Return Loss value |
| 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              |

External Document Links

Notes



**43M-LCF12-ECO\_Draft**

4.3-10 Male Connector for 1/2" Coaxial Cable, ECO-Series

**Related Documents**



**TML Value Proposition**

Value Propositions