



NM-LCF12-ECO

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



ECO Series connectors are designed for use with CELLFLEX® ECO 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 | LCF12-50J-ECO; LCF12-50JFN-ECO |
| Model Series | LCF12-50 Series |
| Connector Interface | N |
| Connector Type | ECO Series |
| Sealing Method | O-ring |

TESTING AND ENVIRONMENTAL

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

MECHANICAL SPECIFICATIONS

| | |
|--------------------------|-----------------|
| Plating Outer/Inner | Trimetal/Silver |
| Length | 49mm (1.929in) |
| Outer Diameter | 22mm (0.87in) |
| Inner Contact Attachment | Spring Finger |
| Outer Contact Attachment | Spring Finger |

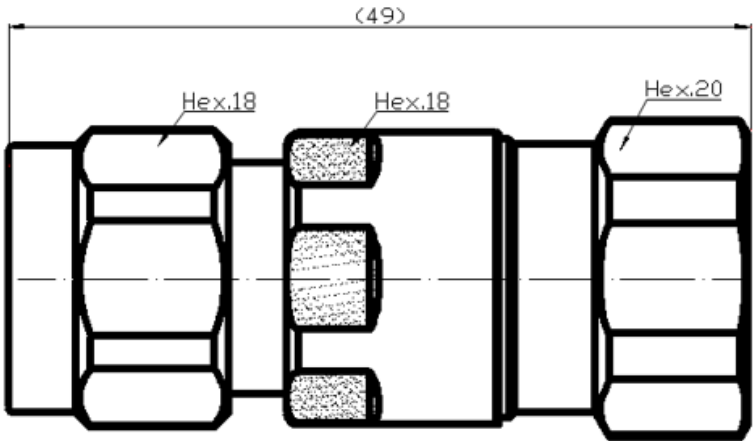
ELECTRICAL SPECIFICATIONS

| | | |
|-----------------------------------|---------------|-------------------|
| Nominal Impedance | 50 ohms | |
| 3rd Order IM Product @ 2x20 Watts | -155 @1800MHz | |
| Maximum Frequency | 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 |



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External Document Links

Notes

Related Documents



TML Value Proposition
Value Propositions