



LMR400 N-Type Male to N-Type Female Cable TEW-L406/TEW-L412

The LMR400 N-Type Male to N-Type Female cable extends your wireless Antenna up to 6 or 12 meters to provide optimal placement for your antenna outdoors. Connect business networks from building to building wirelessly or provide wireless Internet access for hot spot applications! This cable makes wireless communication possible by providing low loss communication between your access point and antenna.

FEATURES

- Wi-Fi Compliant with 2.4GHz 802.11 b/g & 5GHz 802.11a Devices for extending wireless networks
- N-Type Male to N-Type Female Connector.
- Optimal placement of your existing Wi-Fi Device permits you to maximize its wireless performance
- Flexible outer conductor allows the tightest bend radius available for any cable of similar size and performance
- Provides flexible Low-loss communication for wireless antenna
- 50dB RF Shielding is 10 dB greater than typical single shielded coax (40 dB).
- Multi-ply bonded outer foil conductor is rated conservatively at > 90 dB.
- Weatherproof cable design for outdoors exposure with best materials for UV resistance
- Polyethylene jacketed cable designed for outdoor use
- Easy and quick deployment into a WLAN environment

INTERFACE



LMR400 N-Type Male to N-Type Female Cable

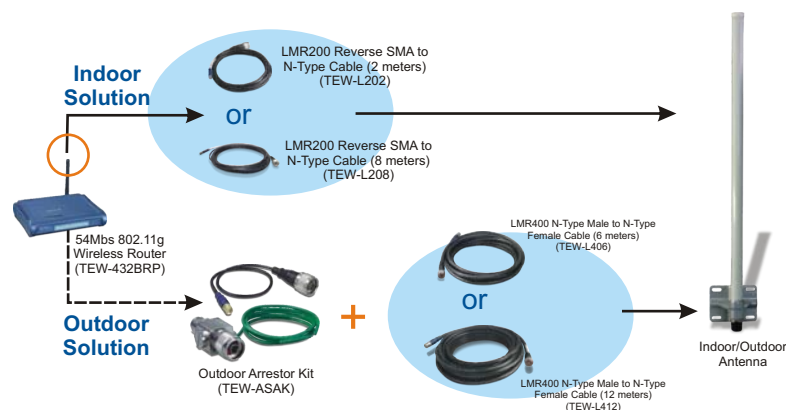
TEW-L406/TEW-L412

SPECIFICATIONS

| Construction | |
|---------------------------------|--|
| Inner Conductor (BCCA1) | • 0.108 in. (2.74 mm) |
| Dielectric (Foam PE) | • 0.285 in. (7.24 mm) |
| Outer Conductor (Aluminum Tape) | • 0.291 in. (7.39 mm) |
| Over Braid (Tinned Copper) | • 0.320 in. (8.13 mm) |
| Jacket (PE) | • 0.405 in. (10.29mm) |
| Mechanical | |
| Bend Radius: Installation | • 1.0 in. (25.4mm) |
| Bend Radius: Repeated | • 4.0 in. (101.6 mm) |
| Bending Moment | • 0.5 ft-lb (0.68 N-m) |
| Weight | • 0.068 lb/ft (0.10 kg/m) |
| Tensile Strength | • 160 lb (72.6 kg) |
| Flat Plate Crush | • 40 lb/in. (0.71 kg/mm) |
| Environment | |
| Temperature | • Operating: -40 C ~ 85C (-40F~185F) • Storage: -70 C ~ 85C (-94F~185F) |

| Electrical | |
|-------------------------|----------------------------------|
| Cut-off Frequency | • 16.2GHz |
| Velocity of Propagation | • 85% |
| Dielectric Constant | • 1.38 |
| Time Delay | • 1.20 nS/ft (3.92 nS/m) |
| Impedance | • 50 ohms |
| Capacitance | • 23.9 pF/ft (78.4 pF/m) |
| Inductance | • 0.060 uH/ft (0.20 uH/m) |
| Shielding Effectiveness | • > 90 dB |
| DC Resistance | |
| Inner Conductor | • 1.39 ohms/1000ft (4.6 ohms/km) |
| Outer Conductor | • 1.65 ohms/1000ft (5.4 ohms/km) |
| Voltage Withstand | • 2500 Volts DC |
| Jacket Spark | • 8000 Volts RMS |
| Peak Power | • 16 kW |

ANTENNA CABLE SOLUTION



PACKAGE CONTENTS

- TEW-L406/TEW-L412
- Weatherproof Tape
- User's Guide

RELATED PRODUCTS

| | |
|-------------------|---------------------------------------|
| TEW-AO080 | 8dBi Outdoor Omni-Directional Antenna |
| TEW-ASAK | Outdoor Arrester Kit |
| TEW-L202/TEW-L208 | LMR200 Reverse SMA to N-Type Cable |

ORDERING INFORMATION

TRENDnet

3135 Kashiwa Street, Torrance, CA 90505 USA
 Tel: 1-888-777-1550
 Fax: 310-891-1111
 Web: www.trendnet.com
 Email: sales@trendnet.com

To Order Please Call:

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