



MIG-400 Low Loss RF Coax Bulk Cable

MIG-400



MIG-400 Low Loss RF Coax Cable with copper clad aluminum conductor, foam PE insulation, bonded foil & 90% tinned copper braiding and a black FRPVC jacket. Cable is available on a 1000' wooden spool (UL). Our bulk cable is marked in descending order so you always know how much cable is left. (Equivalent to Times Microwave's LMR®-400)

Applications

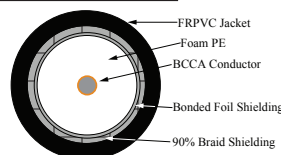
- GPS
- WLAN
- WISP
- SCADA
- Fixed Wireless
- Wireless Local Loop (WLL)
- Land Mobile Radio (LMR®)
- Antenna Cable Runs To Base Stations, Access Points (AP), Bridges Or CPE
- Cabling Between Any WiFi Or WiMax Antenna And The Associated Equipment (WiMax)
- Local MultiPoint Distribution System (LMDS)
- Multi-Channel Multi-Point Distribution Service (MMDS)
- Personal Communication Systems (PCS)
- Indoor Or Outdoor Use
- Direct Burial Or Tower Use
- Drop-In Replacement For RG-8 / 9913 Dielectric Cable.
- Jumper Assemblies In Wireless Communications Systems
- Short Antenna Feeder Runs
- Applications Requiring Easily Routed, Low Loss RF Cables

Compliance

- UL Listed
- RoHS Compliance For The Requirement Of European Union Issued Directive 2002/95/EC



Technical Diagram



Available Jacket Colors

- Black Item# CC-3169-400

Physical Characteristics

- Conductor Size: 2.74mm
- Conductor Material: Solid Bare Copper Clad Aluminum
- Insulation Outer Diameter: 7.24mm
- Insulation Material: Foam PE
- Inner Shielding: AL/P/AL Bonded Foil
- Outer Shielding: 90% TC Braiding
- Outer Jacket Material: FRPVC
- Outer Jacket Diameter: 10.29mm

Cable Features

- Easy To Use Wooden Spool

Cable Put-Ups

Cable is supplied in 1000ft increments on a wooden spool.

MIG-400 Low Loss RF Coax Cable Electrical Specifications

Frequency (MHz Maximum)	Attenuation (dB/100 ft Maximum)
50	0.90
150	1.50
300	2.19
450	2.70
500	2.84
960	4.03
1500	5.10
2000	6.00
2500	6.80
5800	10.80

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Mechanical Characteristics

- Storage Temperature Range: -20°C To +60°C
- Installation Temperature Range: 0°C To +45°C
- Operating Temperature Range: -20°C To +60°C
- Tensile Strength: 73kg 160lbs.
- Min. Bend Radius: 25.40mm 1.0in
- Bending Moment: 0.7n-m 0.5ft-lb
- Flat Plate Crush Strength: 0.7kg/mm 40.0lb/in
- Bulk Cable Weight: N/A

Jacket Printing

(UL) or C(UL) E317493-VID:018 CMR MIG-400
LOW LOSS RF CABLE FT4 / TYPE CL2R INDOOR /
OUTDOOR ZONE A B C D E F / DEVICE 1 2 3 4 5 6
7 8 9

Sequential foot markers on jacket.

Electrical Characteristics

- Nominal Impedance: 50±3 ohm
- Nominal Velocity Of Propagation: 85%
- Nominal Capacitance: 78.0Pf/M 24.0pf/feet
- DC Resistance/Inner Conductor: 4.49Ω /km
- DC Resistance/Out Conductor: 5.61Ω /km
- Operating Frequency Band: 30-5800MHz
- DC Test Voltage: 2500V
- Jacket Sparker Test (rms): 8000V

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