



MIG-195 Low Loss RF Coax Bulk Cable

MIG-195



MIG-195 Low Loss RF Coax Cable with solid bare copper conductor, foam PE insulation, bonded foil & 95% tinned copper braiding and a black FRPVC Jacket. Available on a 1000' 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®-195)

Applications

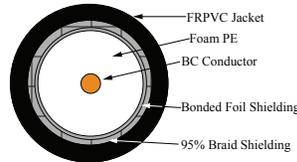
- GPS
- WLAN
- WISP
- SCADA
- Fixed Wireless
- Wireless Local Loop (WLL)
- Land Mobile Radio (LMR®)
- Antenna Cable Runs To Base Stations, Access Points (AP), Bridges Or CPE
- Cabling Between Any WiFi Or WiMax Antenna And The Associated Equipment (WiMax)
- Local MultiPoint Distribution System (LMDS)
- 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-58 And RG-142 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-4056-195

Physical Characteristics

- Conductor Size: 0.94mm
- Conductor Material: Solid Bare Copper
- Insulation Outer Diameter: 2.79mm
- Insulation Material: Foam PE
- Inner Shielding: AL/P/AL Bonded Foil
- Outer Shielding: 95% TC Braiding
- Outer Jacket Material: FRPVC
- Outer Jacket Diameter: 4.95mm

Cable Features

- Easy To Use Wooden Spool

Cable Put-Ups

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

MIG-195 Low Loss RF Coax Cable Electrical Specifications

Frequency (MHz Maximum)	Attenuation (dB/100 ft Maximum)
50	2.70
150	4.40
300	6.32
450	7.80
500	8.21
960	11.37
1500	15.10
2000	17.90
2500	20.40
3000	22.80

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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: 18kg 40lbs.
- Min. Bend Radius: 12.70mm 0.50in
- Bending Moment: 0.3n-m 0.2ft-lb
- Flat Plate Crush Strength: 0.3kg/mm 15.0lb/in
- Bulk Cable Weight: N/A

Jacket Printing

(UL) or C(UL) E317493-VID:018 CMR MIG-195
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: 75%
- Nominal Capacitance: 79.8Pf/M 24.5pf/feet
- DC Resistance/Inner Conductor: 24.94Ω /km
- DC Resistance/Out Conductor: 16.08Ω /km
- Operating Frequency Band: 30-5800MHz
- DC Test Voltage: 1500V
- Jacket Sparker Test (rms): 2500V

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