



1000ft Low Loss RF-240 bulk cable 90% TC braid + foil Black

BK-RF240-1000 - Specifications

Description

This low loss bulk RF-240 cable is 1000 feet in length and consists of a 1.42mm (0.056 inch) solid bare copper wire. It is ideal for jumper assemblies in wireless communication systems, short antenna feeder runs, GPS and mobile antenna applications.

Physical Characteristics

| | | | | | |
|--------------------------|--|------------|--------------|---------------|--------|
| Color | Black | | | | |
| Inner Conductor Material | Bare Copper | | | | |
| Dielectric Material | Foam PE | | | | |
| First Shield | Bonded Aluminum Foil | | | | |
| Second Shield | Tinned Copper Wire Braid (128*0.12) 90% Coverage | | | | |
| Jacket | Black PE | | | | |
| Diameters | Inner Conductor | Dielectric | First Shield | Second Shield | Jacket |
| | 1.42mm | 3.81mm | 3.94mm | 4.52mm | 6.10mm |



Performance

| | | |
|-------------------------|-----------------------------|-------------------------------|
| Impedance | 50±3Ω | |
| Capacitance | 79.4pF/m | |
| Velocity of Propagation | 83% | |
| DC Resistance | Inner Conductor | Outer Conductor |
| | 10.5ohm/Km | 12.8ohm/Km |
| Shielding Effectiveness | ≥90dB | |
| Voltage With Stand | 1500.0V | |
| Temperature | Installation: -20°C ~ +65°C | Operating Temp: -40°C ~ +85°C |



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Attenuation (@20°C)

| | | | | | | | | |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 150Mhz | 220Mhz | 450Mhz | 900Mhz | 1500Mhz | 1800Mhz | 2000MHz | 2500MHz | 5800MHz |
| 9.9dB/100m | 12.2dB/100m | 17.5dB/100m | 25.0dB/100m | 32.4dB/100m | 35.6dB/100m | 37.7dB/100m | 42.5dB/100m | 66.8dB/100m |

Jacket Printing:

Phantom Cables RF-240 COAXIAL CABLE 50 Ohm PE RoHS (Date Code) (Length in feet)

