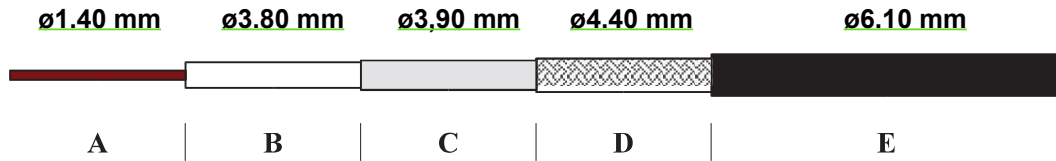


| | | | | | | | | | | | |
|--------------|--|---|---|---|---|---|---|---|--------------------|-------------------|------------|
| DIS. AMABILE | REV. <input checked="" type="checkbox"/> | 2 | 3 | 4 | 5 | 6 | 7 | 8 | DATA REV. 09/03/15 | DIS. REV. AMABILE | CONT. NIRO |
|--------------|--|---|---|---|---|---|---|---|--------------------|-------------------|------------|

RF 240 LTA
RF COAXIAL CABLE 50 Ohm DOUBLE SHIELD



MECHANICAL CHARACTERISTICS

| | | |
|--------------------|---|----------------|
| A) Inner Conductor | Red Copper..... | ø1.40 mm |
| B) Dielectric | Foam Polyethylene..... | ø3,80 ±0,1 mm |
| C) Shield | Aluminum Foil + Polyester + Aluminum..... | ø3.9 |
| | Covering..... | 100% |
| D) Braid | Tinned Copper..... | 112 x 0,12 mm |
| | Covering..... | 80% |
| E) Jacket | Polyvinylchloride no contaminant..... | ø6.10 ± 0,1 mm |
| - Colour | Black - RAL 9004 | |

| | | |
|----------------------------|---------------------------|--------------|
| Min. Bending Radius (mm) | Cable Weight (Kg/Km)..... | 58 |
| - Single Fold..... | | 30.5 |
| - Multiple Fold..... | | 61 |
| Operating Temperature..... | | -30 to +70°C |

ELECTRICAL CHARACTERISTICS AT 20°C

| | | |
|---------------------------|---------|------------------------|
| Impedance..... | 50 nom. | Resistance |
| Capacitance..... | 80 pF/m | - Inner Conductor..... |
| Propagation Velocity..... | 84% | - Outer Conductor..... |
| | | Voltage |
| | | - Sheath insulation |
| | | spark test..... |
| | | 4,0 kV |

ATTENUATION dB/100 m

| | | | | | |
|--------------|------|---------------|------|---------------|------|
| 5 MHz..... | 1.9 | 500 MHz..... | 18.1 | 1750 MHz..... | 36.0 |
| 10 MHz..... | 2.5 | 600 MHz..... | 20.0 | 2150 MHz..... | 40.4 |
| 50 MHz..... | 5.7 | 800 MHz..... | 23.5 | 2250 MHz..... | 40.8 |
| 100 MHz..... | 7.8 | 1000 MHz..... | 26.0 | 2500 MHz..... | 43.7 |
| 200 MHz..... | 11.1 | 1350 MHz..... | 31.4 | 2750 MHz..... | 45.9 |
| 300 MHz..... | 13.8 | 1500 MHz..... | 32.9 | 3000 MHz..... | 49.9 |

SHIELDING EFFICIENCY dB

| | |
|--------------------|-----|
| 100÷900 MHz..... | >95 |
| 900÷2000 MHz..... | >85 |
| 2000÷3000 MHz..... | >75 |