

TECHNICAL SPECIFICATIONS SHEET



RG-11 U COAXIAL CABLE

Part No. - VDO-RG11-BRAID-ATC

RG-11 U Coaxial Video Cable – 1/1.63mm ABC copper conductor LDPE insulated, Aluminum Foil Shielded + ATC Copper Braid Shielded, outer jacketed with PVC Sheath.

General Specifications

| | |
|------------------------------|--|
| No of Conductors | 1 |
| Conductor - No/ Size of Wire | 1/1.63mm |
| Dielectric Type | LDPE |
| Dielectric Size | 7.15 mm |
| Dielectric Colours | Natural |
| Shield | Al Foil + ATC Braid 75 % Coverage |
| Sheath Type | PVC |
| Overall OD | 10.00 mm |
| Packaging | 100 mtr coils (Heat Shrink Transparent Film) |
| Weight per coil | 11.500 Kg. |
| Master Packing | 2 Coils in a Carton box |

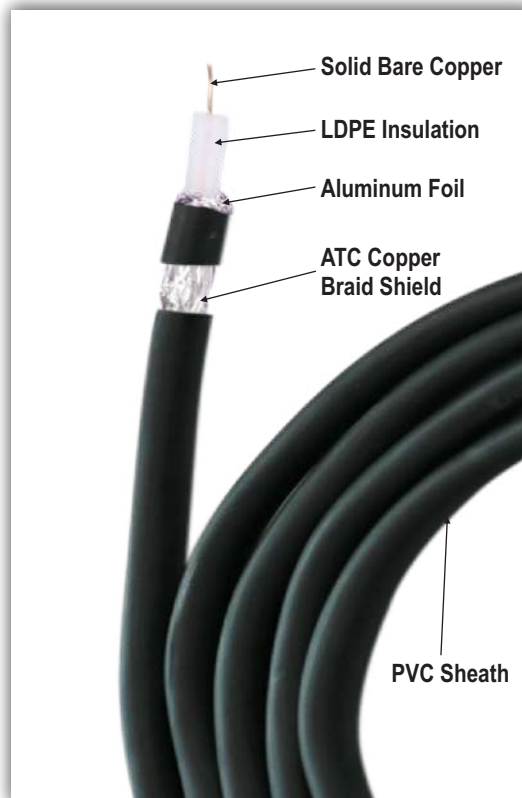
Electrical and Mechanical Characteristics

| | |
|----------------------------------|-----------------|
| DC resistance @20 °C - Conductor | 8.20 Ω / Km |
| DC resistance @20 °C - Shield | 9.80 Ω / Km |
| Operating Voltage | 300 v |
| Capacitance | 24pF/ft. |
| Nominal Impedance | 75 Ω ± 2% |
| Velocity of Propagation | 68% |
| Operating Temperature | -20° C to 70° C |

Power Loss Chart

| Frequency (MHZ) | Power Loss | |
|--------------------|--------------|------------|
| | (dB/100 ft.) | (dB/100 m) |
| 1 | 0.18 | 0.65 |
| 10 | 0.59 | 1.95 |
| 50 | 1.24 | 4.10 |
| 250 | 2.15 | 7.40 |
| 500 | 4.17 | 13.10 |
| 1000 | 5.27 | 15.70 |

Colours Available



Features

- ◆ RG-11 U is our Video Cables Range.
- ◆ These Cables are specifically designed to deliver maximum performance for Video applications.
- ◆ They Transmit true Video signals & help reduce transmission losses because of double shield of aluminum foil & ATC Braid Shield.

Advantages

- ◆ Use of Pure Copper for shield & enhances video quality & maintains the signal Strength.
- ◆ LDPE insulation gives a lower dielectric constant.

Application

- ◆ Connecting CCTV Cameras & other Video applications

Packaging

- ◆ 100 Meters Coil