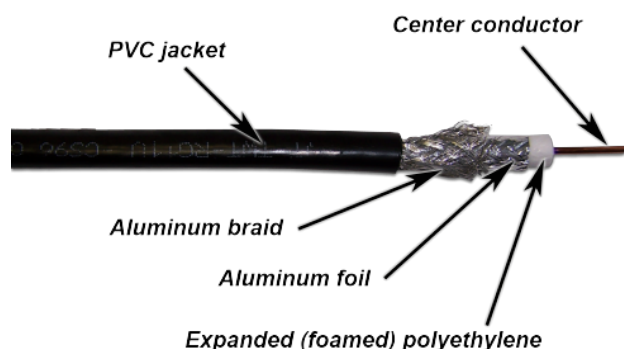


## TWT RG11U 75 Ohm Coaxial cable, CCS, 96\*0.16 mm AL braid, PE, outdoor, black, 305 m

**Product Code:** [TWT-RG11-CS96/3-OUT](#)

TWT RG11U 75 Ohm Coaxial cable, CCS, 96\*0.16 mm AL braid, PE, outdoor, black, 305 m



### Description

It is used for cabling television backbone networks. Used for outdoor installation or when burring directly in the ground.

Center conductor: copper clad steel wire (CCS), solid

Center conductor insulation: low density expanded (foamed) polyethylene

Shield: aluminum laminated foil and aluminum braid

Outer jack: PE (polyethylene)

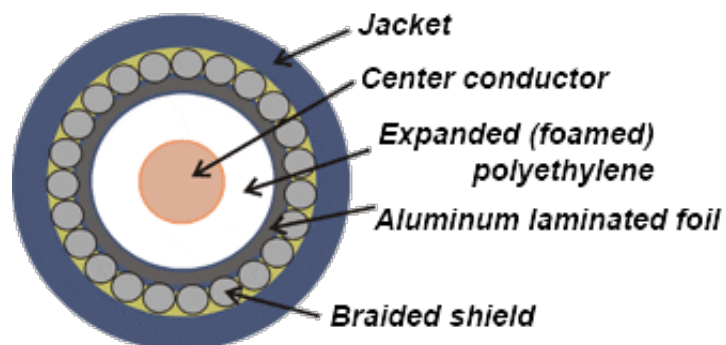
Color: Black

Packaging: 305 m on a reel

#### Physical characteristics of the cable:

|                      |    | Characteristics | Value                   |
|----------------------|----|-----------------|-------------------------|
| Center conductor     |    | Diameter        | 1.63+/-0.01 ( 14AWG )   |
|                      |    | Material        | Copper Clad Steel (CCS) |
| Conductor insulation |    | Diameter        | 7.20+/-0.13 mm          |
|                      |    | Centering       | >=90 %                  |
| Shield               | №1 | Material        | Aluminum foil           |
|                      |    | Shield density  | 100%                    |
|                      | №2 | Thickness       | 0,16 mm                 |
|                      |    | Number of wires | 6/16                    |
|                      |    | Shield density  | 60%                     |

|             |                                         |                     |
|-------------|-----------------------------------------|---------------------|
| Jacket      | Material                                | Aluminum            |
|             | Cable diameter by shield                | 7,91 mm             |
|             | Diameter                                | 10.20±0.10 mm       |
|             | Material                                | PE                  |
| Temperature | Dielectric strength of the outer jacket | 3000Vac             |
|             | Color                                   | Black               |
|             | Operating                               | from -40°C to +70°C |
|             | Weight                                  |                     |
|             | Of 1 km of cable                        | 100 kg              |



#### Electrical (transmission) characteristics of the cable:

| Characteristics              | Value     |
|------------------------------|-----------|
| Wave impedance               | 75±3 Ohm  |
| Electrical capacitance       | 53±2 pF/m |
| Nominal velocity propagation | 83 %      |
| Return loss at 5 - 1000 MHz  | ≥20 dB    |
| Attenuation, dB/100 m (20°C) |           |
|                              | 55 MHz    |
|                              | 211 MHz   |
|                              | 450 MHz   |
|                              | 600 MHz   |
|                              | 870 MHz   |
|                              | 1000 MHz  |
|                              | 0,96      |
|                              | 1,9       |
|                              | 2,75      |
|                              | 3,18      |
|                              | 4,06      |
|                              | 4,35      |

### Model range

|                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|
| TWT-RG11-CS96/3-OUT | TWT RG11U 75 Ohm Coaxial cable, CCS, 96*0.16 mm AL braid, PE, outdoor, black, 305 m |
|---------------------|-------------------------------------------------------------------------------------|

Product descriptions are listed according to the available information at the time of publication. Product specifications can be changed without advanced notification. More detailed and exact information can be obtained from the official partners and distributors of LANMASTER.