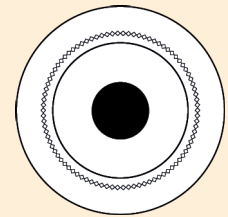


# Coax cable RG 59 B/U

According to MIL-C-17 75 Ohm

RoHS

## CROSS SECTION



## APPLICATION

For installation indoors and in industrial environments in tubes and cable ducts. For the transmission of high-frequency signals and cables.

## STRUCTURE

|                     |  |
|---------------------|--|
| <b>Conductor</b>    | Copper platinised steel wire $\varnothing$ 0.58 +/- 0.015 mm                                     |
| <b>Cores</b>        | Polyethylene insulation (dielectric) $\varnothing$ 3.71 +/- 0.12 mm                              |
| <b>Mesh</b>         | Made from bare copper wires 16 x 8 x 0.10  |
| <b>Outer sheath</b> | Cover: 80% outer sheath made from polyvinyl chloride (PVC), black $\varnothing$ 6.15 +/- 0.20 mm |

In the underground version, the outer sheath is made from polyethylene (PE). In the halogen-free version, it is made from a special plastic compound without halogens.

## TECHNICAL DATA

|   |  |
|---|--|
| <b>Wave resistance</b>                    | 75 Ohm +/- 3   |
| <b>Capacity (pF/m)</b>                    | 67 +/- 3   |
| <b>Direct current resistance (Ohm/km)</b> | Inner conductor < 218  |
| <b>Temperature range</b>                  | -10°C to +80°C   |
| <b>Bending radius</b>                     | Fixed installation 30 mm   |
| <b>Bending radius</b>                     | Flexible installation 60 mm  |
| <b>Attenuation at 20°C (dB 100 m)</b>     | 50 MHz - 10.00<br>200 MHz - 20.00<br>400 MHz - 29.00<br>1000 MHz - 47.00 |

## SPECIAL FEATURES

**Sheath colour**  
Black

| Product description | IZI Ohm | Outer $\varnothing$ (mm) | Cu index (mm) | Weight (kg/km) | Product number |
|---------------------|---------|--------------------------|---------------|----------------|----------------|
| RG 59 B/U           | 75      | 6.14                     | 24.0          | 57             | 10350115       |