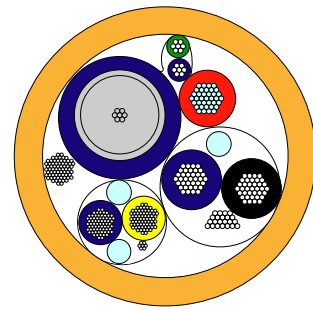


# TV cable, mini Type 6011



## Construction characteristics

|                       |   |
|-----------------------|---|
| Coax                  | 75 Ω coax (1 each)  |
| Conductor             | 1.34 mm <sup>2</sup> bare copper conductor insulated with PE (1 each)   |
| Shielded twisted pair | 0.50 mm <sup>2</sup> bare copper conductor insulated with PE. 2 conductors twisted together with a tinned copper drain wire and aluminium/polyester foil (1 each) |
| Shielded twisted pair | 1.34 mm <sup>2</sup> bare copper conductor insulated with PE. 2 conductors twisted together with a tinned copper drain wire and aluminium/polyester foil (1 each) |
| Twisted pair          | 0.22 mm <sup>2</sup> tinned copper conductor insulated with PE.<br>2 conductors twisted together (1 each)   |
| Filling compound      | The cable is filled with cable filling compound   |
| Shield                | Aluminium/polyester foil and tinned copper drain wire, coverage 100%  |
| Outer jacket          | Polyurethane jacket. Colour orange  |

## Mechanical characteristics

|                              |                   |
|------------------------------|-------------------|
| Diameter                     | 11.00 mm ±0.50 mm |
| Weight in air                | 165 kg/km nom     |
| Weight in seawater           | 70 kg/km nom      |
| Min. bending radius, static  | 100 mm            |
| Min. bending radius, dynamic | 145 mm            |
| Depth rating                 | 5,000 m           |

## Electrical characteristics

|                       |  |
|-----------------------|--|
| Operating voltage     | 600 V for 1.34 mm <sup>2</sup> and 0.50 mm <sup>2</sup> conductor<br>24 V for 0.22 mm <sup>2</sup> conductor   |
| Conductor resistance  | ≤ 135.0 Ω/km for coax<br>≤ 15.3 Ω/km for 1.34 mm <sup>2</sup> conductor<br>≤ 41.0 Ω/km for 0.50 mm <sup>2</sup> conductor<br>≤ 96.2 Ω/km for 0.22 mm <sup>2</sup> conductor  |
| Insulation resistance | ≥ 5,000 MΩ×km for coax, 1.34 mm <sup>2</sup> and 0.22 mm <sup>2</sup> conductor<br>≥ 10,000 MΩ×km for 1.34 mm <sup>2</sup> and 0.50 mm <sup>2</sup> conductor (cond. - cond.)<br>≥ 100 MΩ×100 m for 1.34 mm <sup>2</sup> and 0.50 mm <sup>2</sup> conductor (cond. - shield) |
| Capacitance           | 59 pF/m for coax<br>155 pF/m for 1.34 mm <sup>2</sup> pair<br>107 pF/m for 0.50 mm <sup>2</sup> pair<br>57 pF/km for 0.22 mm <sup>2</sup> pair   |
| Impedance             | 37 ±5 Ω at 1-10 MHz for 1.34 mm <sup>2</sup> pair<br>52 ±5 Ω at 1-10 MHz for 0.50 mm <sup>2</sup> pair<br>73 ±5 Ω at 1-10 MHz for 0.22 mm <sup>2</sup> pair  |
| Attenuation           | 7.0 dB/100 m at 1 MHz for 1.34 mm <sup>2</sup> , 0.50 mm <sup>2</sup> and 0.22 mm <sup>2</sup> pair<br>17.5 dB/100 m at 10 MHz for 1.34 mm <sup>2</sup> pair<br>18.0 dB/100 m at 10 MHz for 0.50 mm <sup>2</sup> and 0.22 mm <sup>2</sup> pair                               |