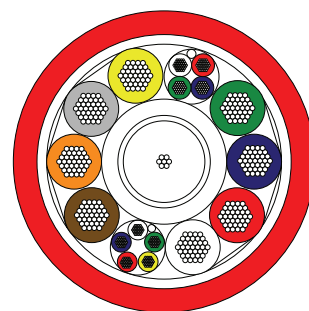


TV cable, Kevlar Type 6926



Construction characteristics

| | |
|------------------------|---|
| Coax | 75 ohm coax (1 each) |
| Conductors | 1.00 mm ² bare copper conductor insulated with PE (8 each) |
| Shielded twisted quint | 0.14 mm ² tinned copper conductors insulated with PE. Five conductors twisted together with a tinned copper drain wire and aluminium/polyester foil (1 each) |
| Shielded twisted quad | 0.22 mm ² tinned copper conductors insulated with PE. Four conductors twisted together with a tinned copper drain wire and aluminium/polyester foil (1 each) |
| Filling compound | The cable is filled with cable filling compound |
| Strength member | Kevlar braid |
| Outer jacket | Polyurethane jacket. Colour red |

Mechanical characteristics

| | |
|------------------------------|-------------------|
| Diameter | 14.40 mm ±0.50 mm |
| Weight in air | 275 kg/km nom |
| Weight in seawater | 108 kg/km nom |
| Min. bending radius, static | 100 mm |
| Min. bending radius, dynamic | 200 mm |
| Min. breaking strength | 7 kN |
| Depth rating | 5,000 m |

Electrical characteristics

| | |
|-----------------------|---|
| Operating voltage | 600 V for 1.00 mm ² conductors 24 V for 0.22 mm ² and 0.14 mm ² conductors |
| Test voltage | 1,500 V DC for 1 min. for coax, 0.22 mm ² and 0.14 mm ² conductor 3,000 V DC for 1 min. for 1.00 mm ² conductor |
| Conductor resistance | ≤ 89.5 ohm/km for coax ≤ 20.0 ohm/km for 1.00 mm ² conductor ≤ 96.2 ohm/km for 0.22 mm ² conductor ≤ 145.0 ohm/km for 0.14 mm ² conductor |
| Insulation resistance | ≥ 5,000 Mohm×km |
| Capacitance | 67 pF/m for coax 80 pF/m for 0.22 mm ² quad 65 pF/m for 0.14 mm ² quint |
| Impedance | 75 ±3 Ohm at 1 MHz for coax |
| Attenuation | 2.5 dB/100 m at 5 MHz for coax 12.20 dB/100 m at 100 MHz for coax 41.50 dB/100 m at 1,000 MHz for coax |