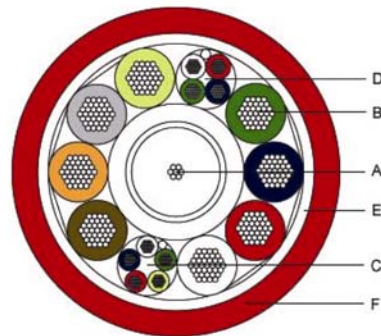


# TV aramidic Cable

rcuuw926



## Construction Characteristics

Coax (A)	75 ohm coax (1 ea.)
Conductors (B)	1,00 mm <sup>2</sup> bare copper conductor insulated with PE (8 ea.)
Shielded twisted quint (C)	0,14 mm <sup>2</sup> tinned copper conductors insulated with PE. Five conductors twisted together with a tinned copper drain wire and aluminium/polyester foil (1 ea.)
Shielded twisted quad (D)	0,22 mm <sup>2</sup> tinned copper conductors insulated with PE. Four conductors twisted together with a tinned copper drain wire and aluminium/polyester foil (1 ea.)
Filling compound	The cable is filled with cable filling compound
Strength member (E)	Kevlar braid.
Outer jacket (F)	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

## Electrical Characteristics

Operating voltage	300 V for 1,00 mm <sup>2</sup> conductors 24 V for 0,22 mm <sup>2</sup> and 0,14 mm <sup>2</sup> conductors
Test voltage	1500 V DC for 1 min. for coax, 0,22 mm <sup>2</sup> and 0,14 mm <sup>2</sup> conductor 3000 V DC for 1 min. for 1,00 mm <sup>2</sup> conductor
Conductor resistance	≤ 89,5 ohm/km for coax ≤ 20,0 ohm/km for 1,00 mm <sup>2</sup> conductor ≤ 96,2 ohm/km for 0,22 mm <sup>2</sup> conductor ≤ 145,0 ohm/km for 0,14 mm <sup>2</sup> conductor
Insulation resistance	≥ 5000 Mohm*km
Capacitance	67 pF/m for coax 80 pF/m for 0,22 mm <sup>2</sup> quad 65 pF/m for 0,14 mm <sup>2</sup> quint