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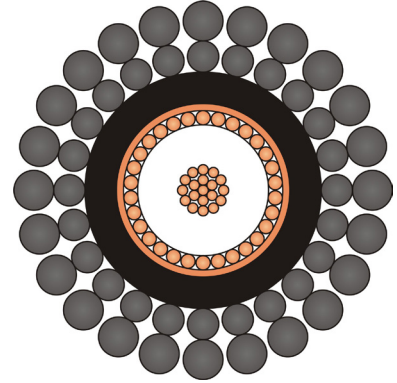
Coax armoured tow cable



CONSTRUCTION DETAILS

1 X COAX 42 OHM:

- ~ Bare copper conductor 19x0,18 mm
- ~ XLPE insulation
- ~ Bare copper spiral shield 16 AWG (1,47 mm²), nominal coverage $\geq 90\%$
- ~ Copper/polyester tape
- ~ XLPE sheath
- ~ 1st layer of preformed galvanized steel wire armour
- ~ 2nd layer of preformed galvanized steel wire armour
- ~ Nominal overall diameter 6,65 mm



ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance inner conductor	< 39,30 ohm/km @ 20°C
~ Resistance of outer conductor	< 13,1 ohm/km @ 20°C
~ Voltage rating	1800 V
~ Nominal capacitance	125 pF/m
~ Characteristic impedance @ 1 MHz	42 ohm
~ Nominal attenuation @ 1 MHz	18,4 dB/Km
~ Weight in air nom.	161 kg/km
~ Weight in fresh water nom.	127 kg/km
~ Weight in sea water nom. (s.g. 1,026)	126 kg/km
~ Breaking strength	23 kN
~ Working load max.	5,75 kN
~ Recommended dynamic bending radius min.	130 mm
~ Working temperature	-30/+90°C

KEY FEATURES

- ~ Preformed armour
- ~ Tow cable
- ~ Coaxial cable

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