

6SSA5

Coax armoured tow cable



CONSTRUCTION DETAILS

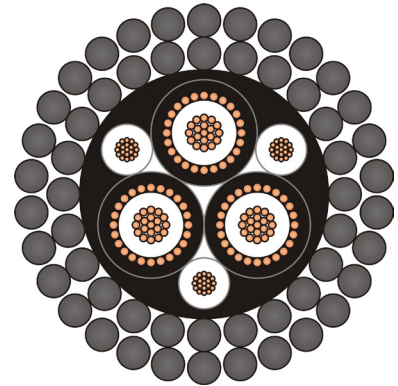
3 X COAX 30 OHM:

- ~ Bare copper conductor 19x0,25 mm
- ~ PP insulation
- ~ Bare copper braid
- ~ PP sheath

3 X 22 AWG:

- ~ Bare copper conductor 19x0,16 mm
- ~ PP insulation

- ~ Elements laid up together
- ~ HDPE sheath
- ~ 1st layer of preformed galvanized steel wire armour
- ~ 2nd layer of preformed galvanized steel wire armour
- ~ Nominal overall diameter 12,70 mm



ELECTRICAL AND PHYSICAL CHARACTERISTICS

| | |
|---|-----------------------|
| ~ Electrical resistance coax conductors | < 23,60 ohm/km @ 20°C |
| ~ Electrical resistance coax shields | < 12,50 ohm/km @ 20°C |
| ~ Electrical resistance conductors 22 AWG | < 49,74 ohm/km @ 20°C |
| ~ Voltage rating coax | 1000 V |
| ~ Voltage rating 22 AWG | 750 V |
| ~ Coax nominal capacitance | 174 pF/m |
| ~ Coax characteristic impedance @ 1 MHz | 30 ohm |
| ~ Weight in air nom. | 570 kg/km |
| ~ Weight in fresh water nom. | 444 kg/km |
| ~ Weight in sea water nom. (s.g. 1,026) | 440 kg/km |
| ~ Breaking strength | 89 kN |
| ~ Recommended static bending radius min. | 125 mm |
| ~ Recommended dynamic bending radius min. | 250 mm |
| ~ Working temperature | -30/+80 °C |

KEY FEATURES

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

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