

8SSA38

Hybrid coaxial tow cable



CONSTRUCTION DETAILS

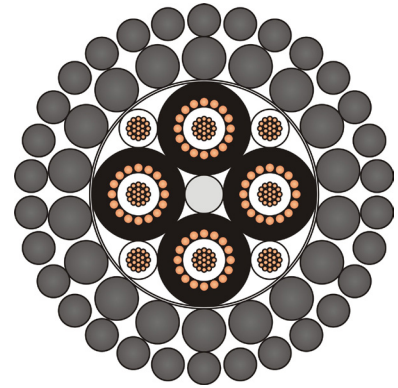
4 X COAX 35 OHM:

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

4X22 AWG:

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

- ~ Elements laid up together with silicone waterblocking compound
- ~ Binding tape
- ~ 1st layer of preformed galvanized steel wire armour
- ~ 2nd layer of preformed galvanized steel wire armour
- ~ Nominal overall diameter 12,30 mm



ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance coax conductors	< 50,90 ohm/km @ 20°C
~ Electrical resistance coax shields	< 15,70 ohm/km @ 20°C
~ Electrical resistance conductors 22 AWG	< 50,90 ohm/km @ 20°C
~ Voltage rating coax	600 V
~ Voltage rating 22 AWG	600 V
~ Coax nominal capacitance	151 pF/m
~ Coax characteristic impedance @ 1 MHz	35 ohm
~ Weight in air nom.	569 kg/km
~ Weight in fresh water nom.	450 kg/km
~ Weight in sea water nom. (s.g. 1,026)	447 kg/km
~ Breaking strength	85 kN
~ Working load max.	18 kN
~ Recommended bending radius min.	250 mm
~ Working temperature	-30/+90°C

KEY FEATURES

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

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