

# 6SSA5

## Hybrid coaxial armoured cable



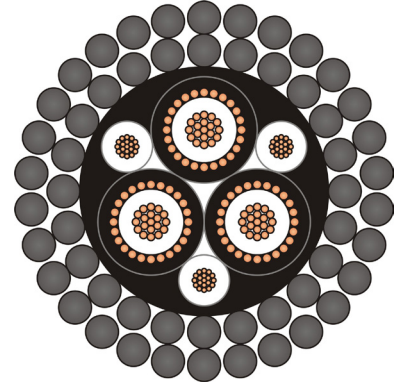
### CONSTRUCTION DETAILS

#### 3 X COAX 30 OHM:

- ~ Bare copper conductor 19x0,25 mm
- ~ PP insulation
- ~ Bare copper spiral shield
- ~ 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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