

# 1SSA13

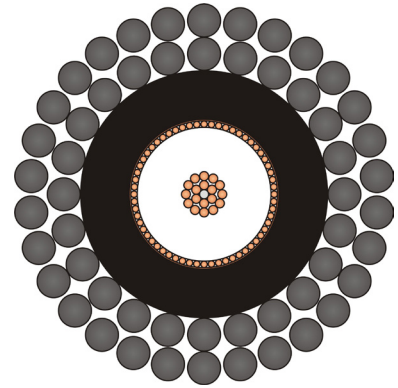
## Coax armoured tow cable



### CONSTRUCTION DETAILS

#### 1 X COAX 45 OHM:

- ~ Concentric hard drawn bare copper conductor 18x0,56 mm with central PA monofilament
- ~ HDPE compound insulation
- ~ Hard drawn bare copper spiral shield, nominal coverage  $\geq 90\%$
- ~ Copper/polyester tape
- ~ HDPE sheath
- ~ 1st layer of preformed galvanized steel wire armour
- ~ 2nd layer of preformed galvanized steel wire armour
- ~ Nominal overall diameter 23,90 mm



### ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductor	< 4,1 ohm/km @ 20°C
~ Electrical resistance return conductor	< 2,6 ohm/km @ 20°C
~ Voltage rating	3000 Vdc
~ Nominal capacitance	108 pF/m
~ Characteristic impedance @ 1 MHz	45 ohm
~ Nominal attenuation @ 1 MHz	< 5,8 dB/km
~ Weight in air nom.	1789 kg/km
~ Weight in fresh water nom.	1340 kg/km
~ Weight in sea water nom. (s.g. 1,026)	1328 kg/km
~ Breaking strength	338 kN
~ Working load max.	85 kN
~ Recommended bending radius min.	480 mm
~ Working temperature	-40/+90°C

### KEY FEATURES

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

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