

# 1SSA29

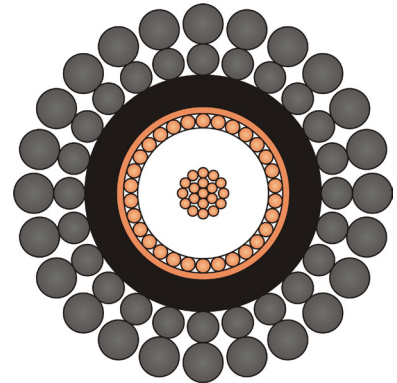
## Coax armoured tow cable



### CONSTRUCTION DETAILS

#### 1 X COAX 42 OHM:

- ~ Bare copper conductor 19x0,18 mm
- ~ XLPE insulation
- ~ Bare copper spiral shield 16 AWG (1,47 mm<sup>2</sup>), 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	< 39,40 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.	156 kg/km
~ Weight in fresh water nom.	121 kg/km
~ Weight in sea water nom. (s.g. 1,026)	120 kg/km
~ Breaking strength	23 kN
~ Working load max.	5,3 kN
~ Recommended dynamic bending radius min.	130 mm
~ Working temperature	-30/+105°C

### KEY FEATURES

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

**AQUANCABLE®**

