

# 1SSA39

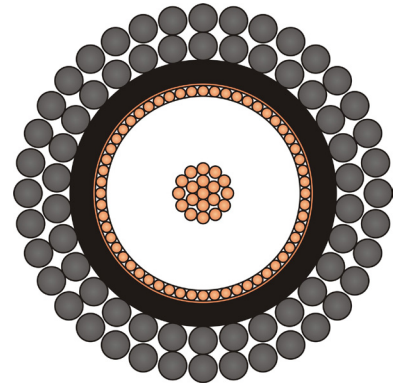
## Coax armoured tow cable



### CONSTRUCTION DETAILS

#### 1 X COAX 50 OHM:

- ~ Bare copper conductor 19x0,455 mm
- ~ PP insulation
- ~ Bare copper spiral shield 9 AWG (7,05 mm<sup>2</sup>), nominal coverage  $\geq 90\%$
- ~ Copper/polyester tape
- ~ PP outer sheath
- ~ 1st layer of preformed galvanized steel wire armour
- ~ 2nd layer of preformed galvanized steel wire armour
- ~ Nominal overall diameter 14,15 mm



### ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance coax conductor	< 6,20 ohm/km @ 20°C
~ Electrical resistance coax return	< 3,00 ohm/km @ 20°C
~ Voltage rating	3000 V
~ Nominal capacitance	102 pF/m
~ Characteristic impedance @ 1 MHz	50 ohm
~ Nominal attenuation @ 1 MHz	< 5,6 dB/Km
~ Weight in air nom.	645 kg/km
~ Weight in fresh water nom.	488 kg/km
~ Weight in sea water nom. (s.g. 1,026)	484 kg/km
~ Breaking strength	89 kN
~ Working load max.	22 kN
~ Recommended bending radius min.	280 mm
~ Working temperature	-30/+90°C

### KEY FEATURES

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

**AQUANCABLE®**

