

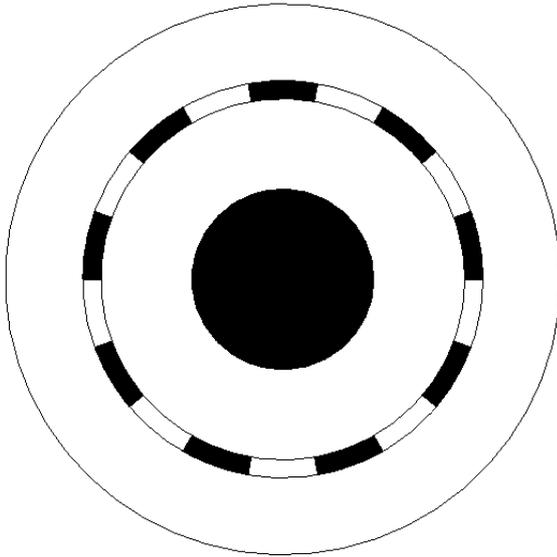


NETSONDE CABLE CB 1900

Document History / Revision Record

5					
4					
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1	Me	2015-06-29	Shw	2015-06-29	Initial set-up
REV	BY	DATE	BY	DATE	Reason for issue
	Compiled		Checked		

NETSONDE CABLE CB 1900



Galvanized steel rope with LDPE insulation,
w approx.. 4.0 mm

Layer of bare copper wires, d = 0.2 mm with swelling
powder filling

LDPE jacket, w approx. 1.7 mm

Schematic drawing (not to scale)
Product no.: M00011536

Mechanical Characteristics:

Outer diameter:		12.0 mm +/- 0.5 mm
Weight in air:	approx.	215 kg/km
Weight in seawater:	approx.	95 kg/km
Minimum breaking strain:	approx.	19 kN
Recommended minimum bending radius:	approx.	250 mm



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FAT: Electrical / Optical Characteristics:

Element	Characteristic	Value	Unit
Coax core	DC conductor resistance	≤ 24	Ω/km
	DC outer conductor resistance (screen)	≤ 8	Ω/km
	Insulations resistance; core against screen, earth	≥ 100	GΩ•km
	Insulations resistance; screen against water, earth	≥ 1	GΩ•km
	Capacitance up to 600 kHz	approx. 170	nF/km
	Test voltage, DC, 5 min	8	kV

Remarks:

The data mentioned in this specification sheet serve for describing the cable only and should not be understood as an assurance of properties.

Construction Characteristics:

Element	Material	Nominal thickness	Number of elements	Diameter Nominal
Core				
Conductor Insulation	Galvanized steel rope LDPE	37 x 0.55 mm w approx.. 2.0 mm	1	4.0 mm 8.0 mm
Screening	Stranded bare copper with swelling powder	d = 0.2 mm		8.8 mm
Jacket	LDPE	w approx. 1.7 mm		12.2 mm

For handling, installation and operating please bear the relevant version of the NSW Cable Handling Manual in mind.
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