

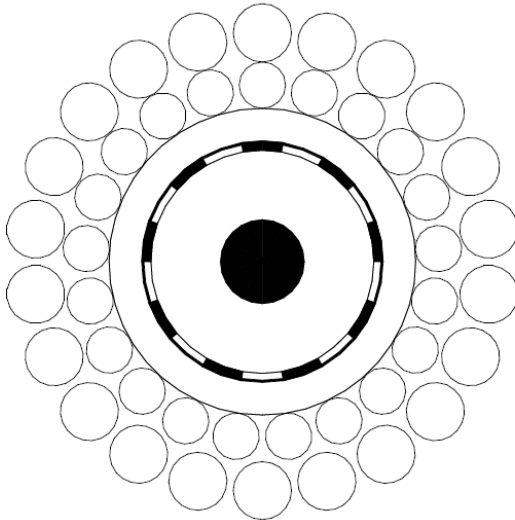


NETSONDE CABLE CB 6000 / CB 7000

Document History / Revision Record

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4	Me	2017-09-04	Lün	2017-09-04	Modification of short description
3	Me	2017-02-07	Shw	2017-02-08	Change of layout
2	Me	2015-03-25	Shw	2015-03-25	Change of diameter over screen
1	Lün	2005-08-10	Ak	2006-08-04	Initial set-up
REV	BY	DATE	BY	DATE	Reason for issue
	Compiled		Checked		

NETSONDE CABLE CB 6000 / CB7000



Schematic drawing (not to scale)

Product no.:

M00008416 – 362140 (CB6000)

M00058480 – 126080 (CB 7000)

Stranded bare copper, 1.93 mm² with HDPE insulation, w approx. 1.5 mm

Layer of bare copper wires, d = 0.2 mm

HDPE jacket, w approx. 0.7 mm

One layer of galvanized steel wires, d = 1.0 mm

One layer of galvanized steel wires, d = 1.25 mm

(Armour wires are coated with anti-corrosion compound)

Mechanical Characteristics:

		CB 6000	CB 7000
Outer diameter:		11.0 mm	11.0 mm
Weight in air:	approx.	450 kg/km	450 kg/km
Weight in seawater:	approx.	360 kg/km	360 kg/km
Minimum breaking strain:	approx.	60 kN	70 kN
Recommended minimum bending radius:	approx.	220 mm	220 mm

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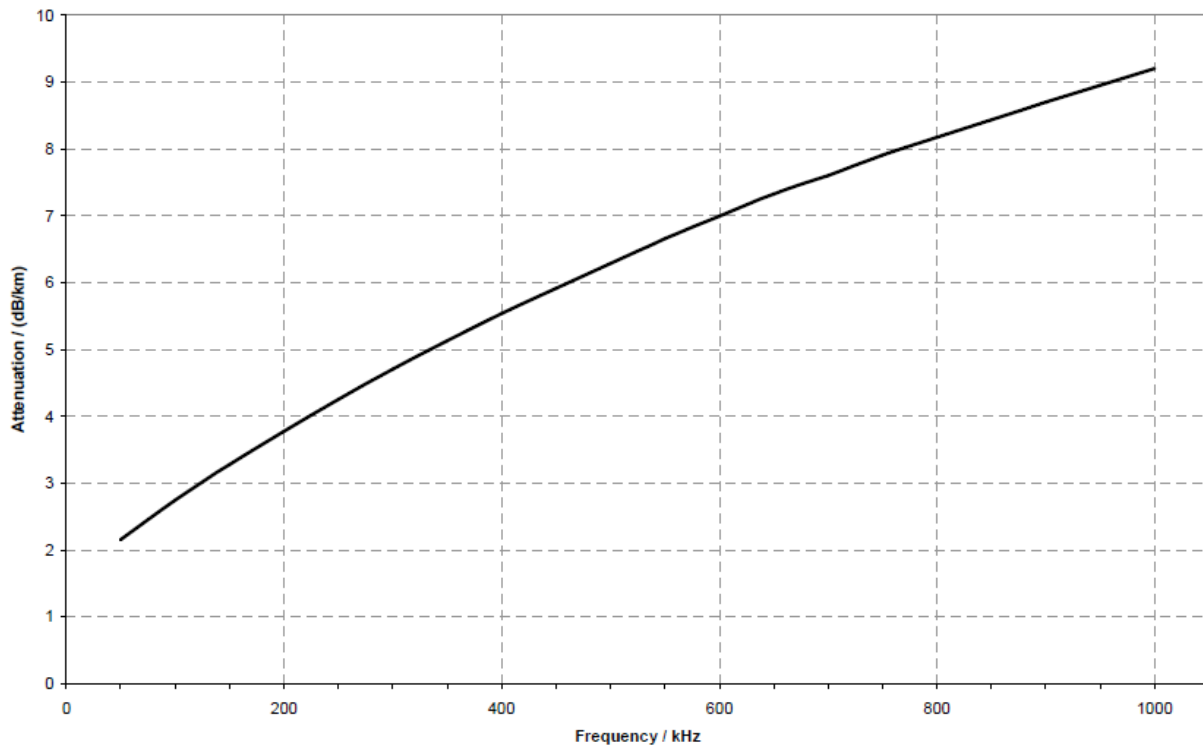
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NETSONDE CABLE CB 6000 / CB7000

FAT: Electrical / Optical Characteristics:

Element	Characteristic	Value	Unit
Coax core	DC conductor resistance	≤ 10	Ω/km
	DC outer conductor resistance (screen)	≤ 9	Ω/km
	Insulations resistance; core against screen, earth	≥ 100	GΩ•km
	Insulations resistance; screen against Armouring, earth	≥ 100	MΩ•km
	Capacitance up to 600 kHz	approx. 120	nF/km
	Inductance @ 600 kHz	approx. 0.25	mH/km
	Impedance @ 600 kHz	approx. 50	Ω
	Test voltage, DC, 5 min	8	kV

Attenuation



Remarks:

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



NETSONDE CABLE CB 6000 / CB7000

Construction Characteristics:

Element	Material	Nominal thickness	Number of elements	Diameter Nominal
Core Conductor Insulation	Stranded bare copper HDPE	19 x 0.361 mm w approx. 1.5 mm	1	1.3 mm 4.8 mm
Screening	Stranded bare copper , covered with Al-foil	d = 0.2 mm		5.3 mm
Jacket	HDPE (black)	w approx. 0.7 mm		6.6 mm
Armouring 1. Layer	Galv. steel wires	d = 1.0 mm	21 +/-2	8.5 mm
Armouring 2. Layer	Galv. steel wires	d = 1.25 mm	22 +/-2	11.0 mm +/- 0.3 mm

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