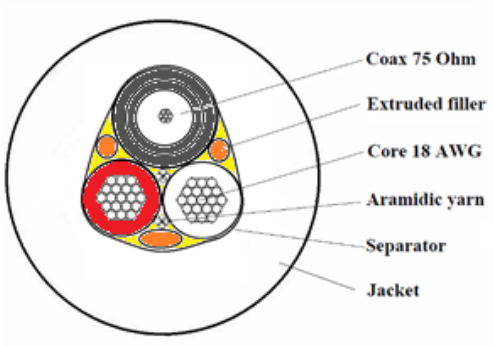
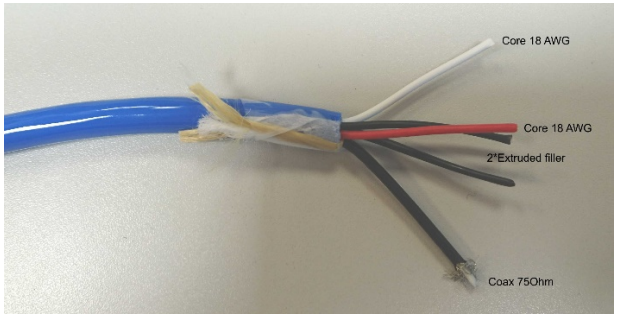
SV-752-WB-B (UNDERVANNSKABEL)

75 ohm coax + 2x18AWG, blå





1. ENGINEERING INFORMATION

1.1	Operating temperature range	-20°C to 80°C
1.2	Overall diameter	7.85 ± 0.25 mm
1.3	Operating voltage	300V
1.4	Weight in air	84 kg/km nom.
1.5	Weight in seawater	34 Kg/km nom.
1.6	Min. bending radius	95 mm
1.7	Strength member breaking load	≥ 1500 N

2. PRODUCT DESCRIPTION

2.1	COAX 75 Ohm (1 Off)		
2.1.1	Conductor	Stranded Tinned Copper	7 x 0.16 mm nom.
2.1.2	Dielectric	Foam-skin Polyethylene	∅ = 1.60 mm nom.
2.1.3	Shield	Tinned copper braid, Coverage >=90 %	
2.1.4	Jacket	Polyolefin, colour Black	∅= 2.60 ± 0.10 mm
2.2	CORE 18AWG (4 Off)		
2.2.1	Conductor	Stranded Tinned Copper	19 x 0.25 mm nom.
2.2.2	Insulation	Polyolefin	∅= 1.90 mm nom.
2.2.3	Colour code	Red – White	
2.3	CABLE LAY-UP	The required cable elements are assembled to form the cable core (see drawing). Centre: Extruded filler + aramidic yarn (Break. Load ≥ 1500 N)	
2.4	SEPARATOR	Fleece tape	
2.5	JACKET	PUR, Blue Ral 5015	∅= 7.85 ± 0.25 mm
2.6	PRINTING	www.seavision.no	

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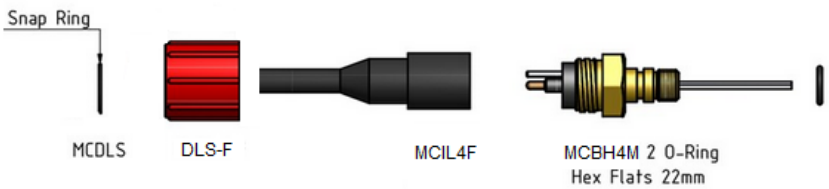
3. ELECTRICAL CHARACTERISTICS at 20°C

3.1 COAX 75 OHM

3.1.1	Conductor resistance		≤ 150.0 Ω/Km
3.1.2	Insulation resistance		≥ 5 GΩ*km
3.1.3	Voltage test		1500 Vdc for 1min
3.1.4	Characteristic impedance (1 MHz)		75 +/- 3 Ohm
3.1.5	Capacitance (800÷1200 Hz)		59 pF/m nom.
3.1.6	Velocity of propagation		78 %
3.1.7	Attenuation (typ.)	at 5 MHz	4.3 dB/100 m
		at 10 MHz	6.50 dB/100 m
		at 50 MHz	13.80 dB/100 m
		at 100 MHz	18.60 dB/100 m
		at 200 MHz	29.00 dB/100 m
		at 400 MHz	43.00 dB/100 m
		at 1000 MHz	67.11 dB/100 m

3.2 CORE 18 AWG

3.2.1	Conductor resistance	≤ 21.6 Ω/Km
3.2.2	Insulation resistance	≥ 5 GΩ*km
3.2.3	Voltage test	1500 Vdc for 1min



Cable gland