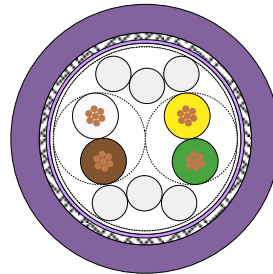


SeaLine

2Y(ST)CH 2X2X0.6/1.3-100 LI VT



Design

Wire

Stranded bare copper wire 7 X 0.2 (24 AWG)
Insulation of Polyethylene (PE)

∅ 0.6 mm (0.024 in)
∅ 1.3 mm (0.051 in)

2 wires twisted to a pair

Core

2 pairs twisted + fillers
Plastic tape, overlapped
Alulaminat foil overlapped
Shield braiding of tinned copper wires
Coverage about 85%

∅ 5.3 mm (0.209 in)

Jacket

Thermoplastic copolymer (FRNC) VT

∅ (7.3 ±0.2) mm (0.287 ±0.008 in)

Printing: "sequential length in metres" BizLink **SeaLine** SCG * 2Y(ST)CH 2X2X0.6/1.3-100 LI *
"internal lot number"

Electrical data at 20°C

Loop resistance	≤	186	Ohm/km
Insulation resistance	≥	5	GOhm*km
Capacitance (1 kHz)	≈	60	nF/km
Characteristic impedance (1 MHz)		(100 ±20)	Ohm
<u>Attenuation</u>			
	≤	0.9	dB/100m
1 MHz	≤	2.5	dB/100m
10 MHz	≤	7.9	dB/100m
<u>Near-end crosstalk attenuation</u>			
1 MHz	≥	50	dB
10 MHz	≥	40	dB
Surface transfer impedance of screen (30 MHz)	≤	250	mOhm/m
Operating voltage (peak)	≤	50	V
Test voltage (wire/wire/screen rms 50Hz 1min)		1500	V

Mechanical and thermal characteristics

Conductor material acc. to DIN EN 13602 Cu-ETP-A...

Screen material acc. to DIN EN 13602 Cu-ETP-A...-B

Insulating material acc. to DIN EN 50290-2-23 (VDE 0819), table L/MD (HD 624.3) (2Y)

Jacket material acc. to DIN EN 50290-2-27 (HD 624.7) (IEC 60092-359 / SHF1)

Flame retardant acc. to IEC 60332-3-22 (Cat. A)

Flame retardant acc. to IEC 60332-1-2

Approved for Marine and Offshore Applications

| DNV Certificate No. TAE00004EE

Other characteristics

RoHS compliant

Halogen free

Permissible temperature range : -40 °C (-40 °F) up to 80 °C (176 °F)

Min. bending radius allowed : repeated 8X \varnothing , single 4X \varnothing

Weight about : 65 Kg/km (44 lb/1000ft)

Designation of order

L45467-J216-B36

239168

2Y(ST)CH 2X2X0.6/1.3-100 LI VI FRNC

3000 m (9842 ft) on non-returnable reel

Product has not been tested and classified according to the CPR (EU/305/2011).

The product shall not be permanently installed in buildings in the EU.