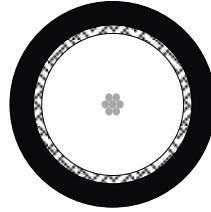


SeaLine

Cable type: 2YCH 1.2/7.25-75 LI VZN FRNC RG11 SHF1



Design

Inner conductor: Stranded tinned copper wire 7 X 0.4 (18 AWG) ø 1.2 mm (0,048 in)
 Insulation of Polyethylene (PE) ø 7.3 mm (0,287 in)
 Shield braiding of bare copper wires 0.18 mm dia (33 AWG)
 Coverage about 95% ø 8.0 mm (0.315 in)

Jacket

Thermoplastic copolymer (FRNC) BK
 Wall Thickness about 1,1 mm ø (10.3 ±0.3) mm (0,406 ±0,012 in)

Printing: "sequential length in metres" BizLink **SeaLine** SCG * L45466-D18-B156 * 2YCH 1.2/7.25-75 LI VZN
 FRNC RG11 SHF1 * IEC 60332-3-22 * "internal lot number"
 Textintervals about 1000 mm

Electrical data

Conductor resistance ≤ 22 Ohm/km
 Insulation resistance ≥ 10 GOhm*km
 Operating voltage (peak) ≤ 300 V
 Characteristic impedance (75 ±3) Ohm
 Capacitance 800 Hz ≈ 68 nF/km
 Test voltage (wire/screen rms 50Hz 1min) = 2000 V
 rel. velocity of propagation 66 %

Frequency (MHz)	5	10	50	100	200	300	500	1000	2000	2500
Attenuation typ. (dB/100m) (dB/100ft)	1.5 (0.46)	2.0 (0.61)	4.3 (1.31)	6.1 (1.86)	9 (2.74)	11.4 (3.47)	15.5 (4.72)	24 (7.31)	39.5 (12.04)	47.5 (14.48)

Mechanical and thermal characteristics

Conductor material acc. to DIN EN 13602 Cu-ETP-A...-B
 Screen material acc. to DIN EN 13602 Cu-ETP-A...
 Insulating material acc. to DIN EN 50290-2-23 (VDE 0819), table HD (HD 624.3) (2Y)
 Jacket material acc. to IEC 60092-360 (IEC 60092-359) SHF1
 Flame retardant acc. to IEC 60332-3-22 (Cat. A)

Approved for Marine and Offshore Applications
 DNV Certificate No. TAE00003A6

Other characteristics

Similar RG11

RoHS compliant (Directive 2011/65/EU & 2015/863/EU RoHS 3)

Halogen free

UV-resistant

Permissible temperature range : -25 °C (-13 °F) up to 80 °C (176 °F)

Min. bending radius allowed : repeated 10X \varnothing , single 5X \varnothing

Weight about : 143 kg/km (96 lb/1000ft)

Designation of order

L45466-D18-B156

213141

2YCH 1.2/7.25-75 LI VZN FRNC

1000 m (3281 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.