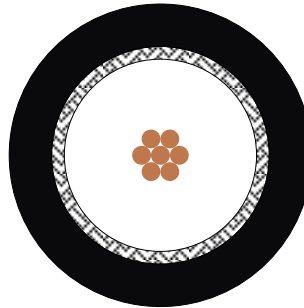


# SeaLine

Cable type: 2YCH 2.25/7.25-50 LI FRNC RG213 SHF1



**Design**

Inner conductor: Stranded bare copper wire 7 X 0.75 (13AWG) ø 2.25 mm (0,089 in)  
 Insulation of Polyethylene (PE) ø 7.25 mm (0.285 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 1.15 mm ø (10.3 ±0.2) mm (0,406 ±0,008 in)

Printing: "sequential length in metres" BizLink **SeaLine** SCG \* L45466-B18-B56 \* 2YCH 2.25/7.25-50 LI FRNC  
 RG213 SHF1 \* IEC 60332-3-22 \* "internal lot number"  
 Textintervals about 1000 mm

**Electrical data**

Conductor resistance ≤ 6.2 Ohm/km  
 Insulation resistance ≥ 10 GOhm\*km  
 Capacitance 1 kHz ≈ 101 nF/km  
 Characteristic impedance (50 ±2) Ohm  
 Operating voltage (peak) ≤ 250 V  
 Test voltage (wire/screen rms 50Hz 1min) = 1500 V

Frequency (MHz)	100	200	300	400	500	1000	1300	2000	2500
Attenuation typ. (dB/100m) (dB/100ft)	7.7 (2.3)	11.1 (3.4)	13.8 (4.2)	16.1 (4.9)	18.2 (5.5)	27 (8.2)	31 (9.4)	40 (12.2)	46 (14.0)

## Mechanical and thermal characteristics

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

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. TAE00003A5

## Other characteristics

Similar RG213

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  $\emptyset$ , single 5X  $\emptyset$

Weight about : 158 Kg/km (106 lb/1000ft)

## Designation of order

L45466-B18-B56

214583

2YCH 2.25/7.25-50 LI 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.