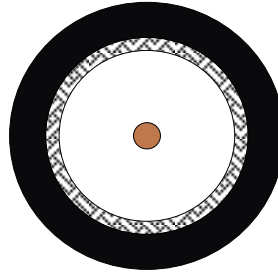


# SeaLine

Cable type: 2YCH 0.6/3.7-75 FRNC RG59 SHF1



**Design**

Inner conductor: Bare copper wire (23 AWG) ø 0.61 mm (0,024 in)  
 Insulation of Polyethylene (PE) ø 3.7 mm (0,146 in)  
 Shield braiding of bare copper wires 0.15 mm dia (35 AWG)  
 Coverage about 90% ø 4.3 mm (0.169 in)

**Jacket**

Thermoplastic copolymer (FRNC) BK  
 Wall thickness about 0.85 mm ø (6.0 ±0.2) mm (0,236 ±0,008 in)

Printing: "sequential length in metres" BizLink **SeaLine** SCG \* L45466-D14-B136 \* 2YCH 0.6/3.7-75 FRNC  
 RG59 SHF1 \* IEC 60332-3-22 \* "internal lot number"  
 Textintervals about 1000 mm

**Electrical data at 20°C**

Conductor resistance ≤ 62 Ohm/km  
 Insulation resistance ≥ 10 GOhm\*km  
 Capacitance (1 kHz wire/screen) ≈ 67 nF/km  
 Characteristic impedance (75 ±3) Ohm  
 Test voltage (wire/screen rms 50Hz 1min) 2000 V

Frequency (MHz)	50	100	200	300	500	1000	2000	2500
Attenuation typ. (dB/100m) (dB/100ft)	7.8 (2.4)	11.2 (3.4)	16.3 (5.0)	20.5 (6.2)	26.7 (8.1)	39.5 (12.0)	59.4 (18.1)	67.3 (20.5)

**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)  
 Flame retardant acc. to IEC 60332-1-2

Approved for Marine and Offshore Applications  
 DNV Certificate No. TAE00003A6

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## Other characteristics

Similar RG59

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

Halogen-free acc. to IEC 60754-2

Smoke-density acc. to IEC 61034-1/2

UV-resistant

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

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

Weight about : 52 Kg/km (35 lb/1000ft)

## Designation of order

L45466-D14-B136 / 214587 / 2000 m (6562 ft) on non-returnable reel

L45466-D14-B136-L7 / 227991 / 1000 m (3281 ft) on non-returnable reel

L45466-D14-B136-L6 / 238275 / 500 m (1640 ft) on non-returnable reel

2YCH 0.6/3.7-75 FRNC

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.