

LEONI SeaLine®

SeaLine® Duplex cable

Advantages at a glance:

- Time saving during the cable laying
- Sufficient space in the network cabinet
- Simple connection technology of a 2-fold network socket
- FRNC outer sheath
- With shipbuilding approval

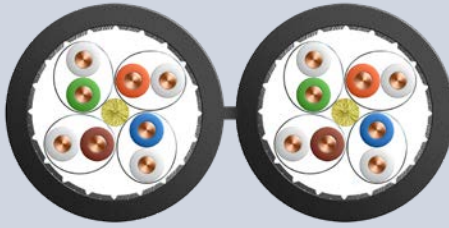
Duplex cable for space-saving installation

Especially for shipbuilding, LEONI offers duplex data cables that are particularly suitable for space-saving installation in network cabinets. Instead of two cables, only one network cable is laid, which saves considerable time during installation and assembly.

In addition, there is often very small space in the network cabinet. If more components are integrated more space is required. With the LEONI duplex cables, only one cable is laid to connect two network components. In this way, we guarantee considerable space savings and orderly cable routing in the network cabinet.

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Technical data:



Conductor	Bare copper wire (AWG 23) Ø 0.6 mm (0.024 in) Insulation of foamed Polyethylene (PE) with skin Ø 1.43 mm (0.056 in)
Core	2 wires twisted to a pair Alulaminare foil overlapped, applied longitudinally 4 pairs
Shield	Shield braiding of tinned copper wires Ø 6.6 mm (0.260 in)
Jacket	Thermoplastic copolymer (FRNC) black SHF1 (17.9 x 9.0 ± 0.3) mm (0.705 x 0.382 ± 0.012) in
Characteristics	Oil resistant acc. to IEC 60811-404 (4 hours / 70 °C) Flame retardant acc. to IEC 60332-1-2 Flame retardant acc. to IEC 60332-3-22 (Cat. A) RoHS compliant (Directive 2011/65/EC) Low Smoke, Fire retardant, Zero Halogen Corrosivity of fumes acc. to IEC 60754-2 Smoke-density acc. to IEC 61034 UV-resistant
Approvals	Approved for Marine and Offshore Applications DNV-GL Certificate No. TAE000018H
Type designation	02YSC H 2X4X2X0.60/1.43-100 PIMF

Following variations of the design are available:

- Cross section of the conductor AWG 22, AWG 23, AWG 24
- Wire design solid or stranded
- Transmission parameters according to Cat 5e, Cat 6, Cat 6A or Cat 7
- With functional integrity during fire (PH120+)
- With reduced gas flow thru the cable (explosion proof according to IEC 60079-14 Annex E)