

SUBSEA CABLE

SV-CAT5e +2 PUR

KEVLAR REINFORCEMENT | 2 EXTRA CONDUCTORS | WB

Underwater CAT5+2 Cable combines reliable CAT5 Ethernet communication with two additional conductors in a single, flexible cable. Designed for demanding underwater and mobile applications, it features a durable PUR outer jacket, high-quality shielding and CAT5 transmission characteristics. Its flexible construction, -30°C to +80°C operating range and 6 × OD dynamic bending radius make it well suited for professional marine and industrial applications.



CAT 5



+2



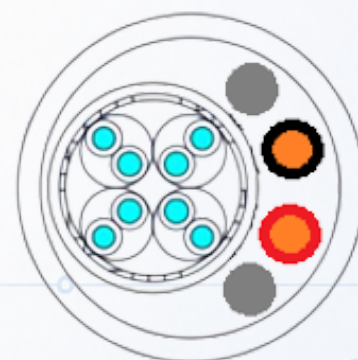
BUILT FOR MARINE ENVIRONMENTS

SPECIFICATIONS

Operating voltage	300 V
Test voltage	2500 V
Insulation resistance	> 200 MΩ.km
Elongation at break of outer sheath	≥300%
Minimum bending radius	Dynamic application - 6 x outer diameter
Fire behaviour	Cable flame test – according to EN 60332-1
Halogen gas emission	≤ 0,5% - according to EN 50267-2
Industrial oil resistance	OIL 80°C – according to EN 50363-10-2
Water resistance	According to EN 50363-10-2
Transmissive characteristics	According to EN 50288 category 5
Conductor	Flexible strand of bare copper wire EN 60228
Structure	Aluminum foil + tinned wire braid, density 75
Cores Identification	Ethernet color code
Screen	Tinned copper wire braid, coverage ca. 80%
Conductor diameter each strand	7/ 0.2 bare copper wires
Outer Jacket	PUR -Black RAL - Ø = 9,20 mm
Depth rating	300 meter

Electrical Characteristics	Max. Conductor DC Resistance at 20°C (Ω/kM) 20°C	19.00	Min. bending radius	6D
	Rated voltage (V)	300V	Working temperature	-30~+80°C

COMPATIBLE



Combines high-speed Ethernet connectivity with two additional conductors for power, control, sensors or other auxiliary functions – reducing the need for separate cables.

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