

Armada®

440 Series RS485 Offshore Armoured SHF-2 FFxT™



Application

A range of 24awg multi-pair low capacitance cables with a high level of screening. Provides interference free, high speed data transmission suitable for RS485 applications. These cables utilise FireFighter® FFxT™ performance materials for marine and offshore applications.

Cable Design

Conductor	Stranded tinned copper wire (24awg)
Insulation	Solid PO Ø 1,62 mm
No. of Pairs	1 or 2
Overall Shield	Overall Aluminium/polyester tape
Drain Wire	Stranded tinned copper wire
Overall Braid Shield	Tinned copper wire braid
Inner Jacket	LSZH FireFighter® SHF-1, Black
Armour	DataGuard® Galvanised Steel Wire Braid (GSWB)
Outer Jacket	SHF-2 FFxT™ HFFR, UV-Stabilised, Black

Characteristics

- Onshore / Offshore applications
- Mechanical protection
- Flexible Installation
- Rodent Protection
- UV-Stable and colourfast
- Flame retardant acc. to IEC 60332-1
- Halogen Free acc. to IEC 60754-1/2
- Smoke density acc. to IEC 61034-1/2
- IEC60092-359
- Temperature Range -40°C to +90°C



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Specification

Part Number	Formation	Nom. Outer Jacket Ø	Nom. Outer Jacket Ø
	No. of Pairs	mm	mm
M244401P18F4	1 x 2 x 24 awg	6,0 ± 0,2	10,0 ± 0,5
M244402P18F4	2 x 2 x 24 awg	8,6 ± 0,5	12,0 ± 0,5

Electrical Characteristics

Nom. Capacitance (cond./cond.)	Nom. Capacitance (cond./cond./screen)	Electrical Resistance	Nom. Velocity of Propagation	Nom. Inductance	Nom. Impedance
pF/m	pF/m	Ω/km	%	μH/m	Ω
38	75,5	82	66	0,56	110-120

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