

Data and communication cable Radox Marine_TP



Application	: Highly flexible, light weight cable for marine and offshore applications. Halogen free, flame retardant (bunchtest), resistant to weather, diesel oil, mud and hydrolysis. DNV approved.
TECHNICAL DATA	: TYPE Marine_TP
Standards	: DNV 827.11, IEC 60092-350, NEK TS 606, ABS 15-GD1369103-PDA
Remarks	: Extremely flexible, suitable for moving cable carriers and drag chains. Suitable for Uo/U 600/1000 V.
Stranding element	: Pairs
Conductor material	: Copper, tinned
Conductor category	: Class 5 = flexible
Core insulation material	: Copolymer, cross-linked (XPE)
Core identification	: Colour
Material outer sheath	: Copolymer, cross-linked (XPE)
Screen over stranding element	: Foil
Screen over stranding	: Braiding
Halogen free (acc. IEC 60754-2)	: Yes
Longitudinal water blocking	: Yes
Halogen free (acc. EN 60754-1/2)	: Yes
Radial water blocking	: Yes
Low smoke (acc. IEC 61034-2)	: Yes
Low smoke (acc. BS EN 61034-2)	: Yes
Armouring	: No
Oil resistant (acc. IEC 60811-404)	: Yes
Colour outer sheath	: Black
Permitted cable outer temperature during assembling/handling	: -40°C to 125°C
Permitted cable outer temperature after assembling without vibration	: -50°C to 125°C
Flame retardant	: In accordance with EN 60332-3-24
No. bending cycles	: 1000000
Circuit integrity	: No
Outdoor use permitted	: Yes
UV resistant	: Yes
Armouring/reinforcement	: None
Conductor surface	: Tinned
	: No



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Longitudinal water blocking cable	: No
Radial water blocking cable	: No
	: Round
Oil resistant (acc. EN 60811-404)	: Yes
Underground installation	: No
	: Yes
	: No
	: Yes
	: Yes



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ProductNr	Nominal cross sectional area of conductor (mm²)	Number of cores	Bending radius (mm)	Number of stranding elements	Outer diameter approx. (mm)
2171310	0.5	10	49	5	9.8
2171402	0.75	2	31	1	6.3
2171404	0.75	4	47	2	9.5
2171408	0.75	8	52	4	10.5
2171602	1.5	2	35	1	7.1
2171702	2.5	2	41	1	8.3