Marine & Offshore

MarineSignal YZs 250 V



Cables designed for signal, control & alarm purposes, with reduced weight & diameter.
The special ripcord provides easy stripping of the outer sheath.
Halogen-free and low-smoke, flame-retardant in fire conditions.

Characteristics	Properties	Unit
Product group	Signal marine cables	
Series	Shipboard cable	
Type	MarineSignal YZs 250 V	
Standardization	IEC 60092-350/-351/-376	
Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A	
Halogen free	IEC 60754-1	
Conductor material	Cu	
Conductor category	Class 2 = stranded	
Shape of conductor	Round	
Core insulation	XLPE	
Core identification	Numbers	
Material outer sheath	Flame Retardant Halogen Free Polyolefin Compound	
Colour outer sheath	Grey	
Nominal voltage U	0.25	kV
Maximum conductor temperature	90	°C
Operating temperature, flexible	-20 / 70	°C
Operating temperature, fixed	-40 / 70	°C
Specification	See appendix	

Partnumber	Construction	Shape of conductor	Net weight (kg/km)	radius after installation (mm)	Outer diameter approx. (mm)	Tensile load (N)
16210	2 x 0,75 mm²	Round	44	25	6,3	23
16211	3 x 0,75 mm²	Round	54	26	6,6	34
16212	4 x 0,75 mm²	Round	66	28	7,1	45
16213	5 x 0,75 mm²	Round	79	31	7,7	56
16214	7 x 0,75 mm²	Round	102	34	8,6	79
16215	12 x 0,75 mm²	Round	160	45	11,2	135
16216	19 x 0,75 mm²	Round	240	54	13,5	214
16217	27 x 0,75 mm²	Round	331	63	15,8	304
16218	37 x 0,75 mm²	Round	443	73	18,2	416
16220	2 x 1 mm²	Round	50	27	6,7	30
16221	3 x 1 mm²	Round	62	28	7	45
17181	3 x 1 mm²	Round	83	28	7	45
16222	4 x 1 mm²	Round	77	31	7,7	60
16223	5 x 1 mm²	Round	93	34	8,5	75
16224	7 x 1 mm²	Round	120	37	9,2	105

MarineSignal YZs 250 V

Partnumber	Construction	Shape of conductor	Net weight (kg/km)	Bending radius after installation (mm)	Outer diameter approx. (mm)	Tensile load (N)
16225	12 x 1 mm²	Round	195	48	12,1	180
16226	19 x 1 mm²	Round	293	59	14,8	285
16227	27 x 1 mm²	Round	403	69	17,3	405
16228	37 x 1 mm²	Round	539	80	20	555

Copyright (c) TKF, 06-03-2012