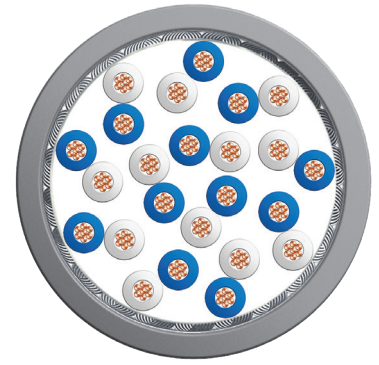




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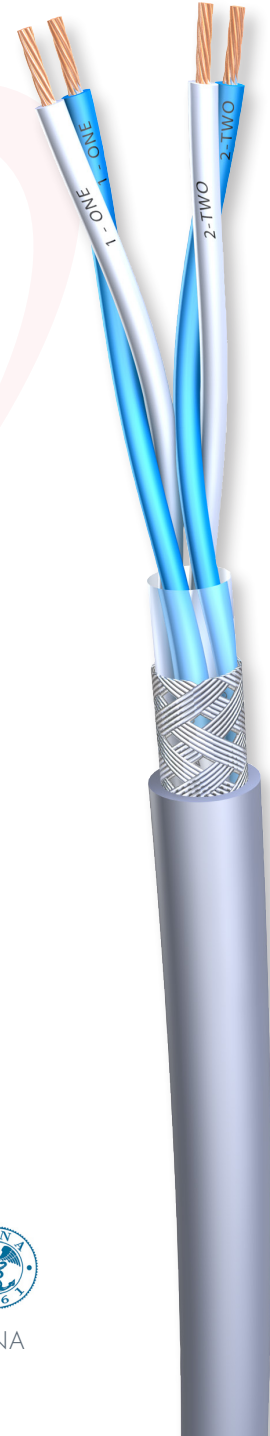


Application

Lightweight, armoured, control, instrumentation, tele- and data cable.

Cable Design

Standardization	IEC 60092-350/-360/-376
Conductor material	Cu
Core insulation	XLPE (VPE)
Conductor category	Class 2 = stranded
Core identification	Pairs & Quads: Numbered Blue and White Triples: Numbered Blue, White and Red
Binder/filler	Polyester tape
Outer Shield	Tinned copper braiding
Outer Jacket	Flame Retardant Halogen Free Polyolefin Compound
Outer Jacket Colour	Grey



Characteristics

- Twisted pairs, triples or quads.
- Perfect electrical properties and low capacitance for minimal signal loss.
- Halogen free and low smoke, flame retardant.
- Extra mechanical protection and reduced EMI due to the tinned copper braided screen.
- Different colour outer sheaths, other than grey, available on request.



BV



DNV-GL



ABS



PRS



RMRS



LRS



RINA



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Thermal and Electrical Characteristics

Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A
Nominal voltage U	250 V
Max. conductor temperature	90 °C
Permitted cable outer temperature, in movement	-20 / 70 °C
Permitted cable outer temperature, fixed	-40 / 70 °C

Specification

Part number	Construction	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16900	1 x 2 x 0,5 mm ²	0,066	39	6,5	15
16901	1 x 4 x 0,5 mm ²	0,086	45	7,5	30
16902	2 x 2 x 0,5 mm ²	0,098	56	9,4	30
16916	2 x 3 x 0,5 mm ²	0,118	62	10,3	45
16903	4 x 2 x 0,5 mm ²	0,143	65	10,9	60
16917	4 x 3 x 0,5 mm ²	0,177	73	12,1	90
16904	6 x 2 x 0,5 mm ²	0,236	80	13,3	90
16905	7 x 2 x 0,5 mm ²	0,199	76	12,7	105
16918	7 x 3 x 0,5 mm ²	0,317	91	15,2	158
16906	8 x 2 x 0,5 mm ²	0,270	86	14,3	120
16907	10 x 2 x 0,5 mm ²	0,314	94	15,7	150
16919	10 x 3 x 0,5 mm ²	0,411	108	18	225
16908	12 x 2 x 0,5 mm ²	0,351	100	16,6	180
16909	14 x 2 x 0,5 mm ²	0,384	106	17,6	210
16920	14 x 3 x 0,5 mm ²	0,527	119	19,9	315
16910	19 x 2 x 0,5 mm ²	0,502	121	20,1	285
16921	19 x 3 x 0,5 mm ²	0,674	137	22,9	428

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Specification

Part number	Construction	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16911	24 x 2 x 0,5 mm ²	0,623	136	22,7	360
16922	24 x 3 x 0,5 mm ²	0,829	154	25,6	540
16912	27 x 2 x 0,5 mm ²	0,671	143	23,8	405
16913	30 x 2 x 0,5 mm ²	0,733	149	24,8	450
16914	37 x 2 x 0,5 mm ²	0,858	163	27,2	555
16271	1 x 2 x 0,75 mm ²	0,072	41	6,9	23
16272	1 x 3 x 0,75 mm ²	0,083	44	7,3	34
16954	1 x 4 x 0,75 mm ²	0,094	47	7,8	45
16270	2 x 2 x 0,75 mm ²	0,117	61	9,9	45
16273	2 x 2 x 0,75 mm ² (Quad)	0,094	47	7,8	45
16923	2 x 3 x 0,75 mm ²	0,147	65	10,9	101
16274	4 x 2 x 0,75 mm ²	0,170	73	12,5	90
16924	4 x 3 x 0,75 mm ²	0,258	80	13,3	135
16925	7 x 3 x 0,75 mm ²	0,378	96	16	236
16288	8 x 2 x 0,75 mm ²	0,310	91	15,2	180
16277	10 x 2 x 0,75 mm ²	0,376	104	17,3	225
16926	10 x 3 x 0,75 mm ²	0,527	117	19,5	338
16289	12 x 2 x 0,75 mm ²	0,428	109	18,5	270
16955	12 x 3 x 0,75 mm ²	0,579	131	20,5	473
16278	14 x 2 x 0,75 mm ²	0,480	116	20,2	315
16927	14 x 3 x 0,75 mm ²	0,668	131	21,8	473
16279	19 x 2 x 0,75 mm ²	0,615	135	22,5	428
16928	19 x 3 x 0,75 mm ²	0,867	149	24,9	641
16285	20 x 2 x 0,75 mm ²	0,652	92	23	450
16280	24 x 2 x 0,75 mm ²	0,748	150	25	540
16929	24 x 3 x 0,75 mm ²	1,032	167	27,8	810
16283	27 x 2 x 0,75 mm ²	0,813	165	26,2	608

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Specification

Part number	Construction	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16281	30 x 2 x 0,75 mm ²	0,884	165	27,5	675
16282	37 x 2 x 0,75 mm ²	1,098	181	30,2	833
16930	1 x 2 x 1,0 mm ²	0,079	45	7,3	30
16945	1 x 3 x 1,0 mm ²	0,092	46	7,6	45
16931	1 x 4 x 1,0 mm ²	0,110	50	8,4	60
16932	2 x 2 x 1,0 mm ²	0,132	64	10,7	60
16962	2 x 2 x 2,5 mm ²	0,233	64	10,7	60
16933	4 x 2 x 1,0 mm ²	0,195	74	12,4	120
16947	4 x 3 x 1,0 mm ²	0,304	86	14,4	180
16934	6 x 2 x 1,0 mm ²	0,321	91	15,1	180
16953	6 x 3 x 1,0 mm ²	0,412	105	17,5	270
16935	7 x 2 x 1,0 mm ²	0,327	93	15,5	210
16948	7 x 3 x 1,0 mm ²	0,430	103	17,1	315
16936	8 x 2 x 1,0 mm ²	0,367	96	16	240
16937	10 x 2 x 1,0 mm ²	0,445	109	18,2	300
16949	10 x 3 x 1,0 mm ²	0,619	128	21,3	450
16938	12 x 2 x 1,0 mm ²	0,504	114	19	360
16939	14 x 2 x 1,0 mm ²	0,594	122	20,4	420
16950	14 x 3 x 1,0 mm ²	0,795	141	23,5	630
16940	19 x 2 x 1,0 mm ²	0,752	142	23,7	570
16951	19 x 3 x 1,0 mm ²	1,020	161	26,9	855
16941	24 x 2 x 1,0 mm ²	0,912	158	26,3	720
16952	24 x 3 x 1,0 mm ²	1,257	179	29,8	1080
16942	27 x 2 x 1,0 mm ²	1,006	166	27,6	810
16943	30 x 2 x 1,0 mm ²	1,100	174	29	900
16944	37 x 2 x 1,0 mm ²	1,301	190	31,7	1110
16946	2 x 3 x 1,0 mm ²	0,165	70	11,6	135

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Specification

Part number	Construction	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16301	1 x 2 x 1,5 mm ²	0,096	50	8.3	45
16316	1 x 3 x 1,5 mm ²	0,118	53	8.9	68
16302	1 x 4 x 1,5 mm ²	0,148	59	9.9	90
16303	2 x 2 x 1,5 mm ²	0,176	76	12.6	90
16317	2 x 3 x 1,5 mm ²	0,255	83	13.9	135
16304	4 x 2 x 1,5 mm ²	0,305	89	14.9	180
16318	4 x 3 x 1,5 mm ²	0,412	101	16.9	270
16305	6 x 2 x 1,5 mm ²	0,445	107	18.3	270
16306	7 x 2 x 1,5 mm ²	0,457	109	18.5	315
16319	7 x 3 x 1,5 mm ²	0,636	123	20.5	473
16307	8 x 2 x 1,5 mm ²	0,506	115	19.2	360
16308	10 x 2 x 1,5 mm ²	0,628	124	21	450
16320	10 x 3 x 1,5 mm ²	0,846	153	25.5	675
16309	12 x 2 x 1,5 mm ²	0,714	139	23.2	540
16310	14 x 2 x 1,5 mm ²	0,811	148	24.7	630
16321	14 x 3 x 1,5 mm ²	1,117	168	28	945
16311	19 x 2 x 1,5 mm ²	1,067	171	28.5	855
16322	19 x 3 x 1,5 mm ²	1,445	193	32.1	1283
16326	20 x 2 x 1,5 mm ²	1,076	174	29.0	855
16312	24 x 2 x 1,5 mm ²	1,296	190	31.6	1080
16323	24 x 3 x 1,5 mm ²	1,784	215	35.8	1620
16313	27 x 2 x 1,5 mm ²	1,430	199	33.2	1215
16314	30 x 2 x 1,5 mm ²	1,567	209	34.9	1350
16315	37 x 2 x 1,5 mm ²	1,879	230	38.3	1665

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Specification

Part number	Construction	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16960	1 x 2 x 2,5 mm ²	0,126	56	9.4	75
16975	1 x 3 x 2,5 mm ²	0,155	59	9.9	113
16961	1 x 4 x 2,5 mm ²	0,199	67	11.1	150
16976	2 x 3 x 2,5 mm ²	0,348	96	16	338
16963	4 x 2 x 2,5 mm ²	0,415	103	17.1	300
16977	4 x 3 x 2,5 mm ²	0,536	111	18.5	450
16964	6 x 2 x 2,5 mm ²	0,614	122	20.3	450
16965	7 x 2 x 2,5 mm ²	0,643	122	20.3	525
16978	7 x 3 x 2,5 mm ²	0,864	142	23.6	788
16966	8 x 2 x 2,5 mm ²	0,716	133	22.2	600
16967	10 x 2 x 2,5 mm ²	0,879	152	25.3	750
16979	10 x 3 x 2,5 mm ²	1,221	174	29	1125
16968	12 x 2 x 2,5 mm ²	1,000	158	26.4	900
16969	14 x 2 x 2,5 mm ²	1,135	169	28.1	1050
16980	14 x 3 x 2,5 mm ²	1,585	193	32.1	1575
16970	19 x 2 x 2,5 mm ²	1,482	194	32.4	1425
16981	19 x 3 x 2,5 mm ²	2,074	221	36.8	2138
16971	24 x 2 x 2,5 mm ²	1,835	217	36.2	1800
16982	24 x 3 x 2,5 mm ²	2,573	247	41.1	2700
16972	27 x 2 x 2,5 mm ²	2,028	228	38	2025
16973	30 x 2 x 2,5 mm ²	2,214	240	40	2250
16974	37 x 2 x 2,5 mm ²	2,671	263	43.8	2775