

**Power cable**

Power cable, PVC insulated, copper conductor

**NYJ-J**

0.6/1 kV



According to VDE 0276 part 603 and 627.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	Yes	
Inner semi-conducting layer	No	

Characteristics	Properties	Unit
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
Colour outer sheath	Black	
Conductive coating	No	
Longitudinal water blocking screen	No	
Reaction-to-fire according to EN 13501-6: Class	Eca	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	In accordance with IEC/EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	
Max. conductor temperature	70	°C
Permitted cable outer temperature during assembling/handling	-5 <=> 70	°C
Permitted cable outer temperature after assembling without vibration	-35 <=> 70	°C
Nominal voltage U <sub>0</sub>	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	160	°C
Insulation	PVC	
Cable geometry		
Suitable as installation cable		
Certified for shipboard application		
Suitable as medium-voltage cable		
Suitable as high-voltage cable		
Certified as airport lighting cable		

Product											Packaging							
Number of cores	Nominal cross section conductor (in mm <sup>2</sup> )	Conductor category	Core identification	Core identification according to HD 308 S2	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Shape of conductor	Weight (in EU571166)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
1	6	Class 1 = solid	Colour				135	15	9	Round	124.58	Ring, Drum	Cut length					125
1	6	Class 1 = solid	Colour		200		135	15	9	Round	124.58	Ring	50	360	620.78	51	4,800	6
1	6	Class 1 = solid	Colour		200	No	135	15	9	Round	124.58	Ring	100	390	770.28	82	6,000	12
1	10	Class 1 = solid	Colour				150	15	10	Round	168.13	Ring, Drum	Cut length					169
1	10	Class 1 = solid	Colour				150	15	10	Round	168.13	Ring, Drum	Cut length					169
1	10	Class 1 = solid	Colour		150		150	15	10	Round	168.13	Drum	500	450	1,078.62	419	6,000	85
1	16	Class 1 = solid	Colour				165	15	11	Round	229.72	Ring, Drum	Cut length					230
1	16	Class 1 = solid	Colour			Yes	165	15	11	Round	229.72	Ring, Drum	Cut length					230
1	16	Class 1 = solid	Colour		200		165	15	11	Round	229.72	Ring	50	390	505.21	59	2,100	11
1	16	Class 1 = solid	Colour		200		165	15	11	Round	229.72	Ring	100	390	849.79	117	3,600	23
1	16	Class 1 = solid	Colour		315		165	15	11	Round	229.72	Drum	500	710	141.86	462	500	115
1	25	Class 2 = stranded	Colour				195	15	13	Round	348.56	Ring, Drum	Cut length					349
1	25	Class 2 = stranded	Colour				195	15	13	Round	348.56	Ring, Drum	Cut length					349
1	25	Class 2 = stranded	Colour		200		195	15	13	Round	348.56	Ring	50	390	859.34	84	2,400	17
1	25	Class 2 = stranded	Colour		200		195	15	13	Round	348.56	Ring	100	430	719.92	129	2,000	35

Product											Packaging							
Number of cores	Nominal cross section conductor (in mm <sup>2</sup> )	Conductor category	Core identification	Core identification according to HD 308 S2	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Shape of conductor	Weight (in EU571166)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
1	25	Class 2 = stranded	Colour		315		195	15	13	Round	348.56	Drum	500	710	201.28	462	500	174
1	35	Class 2 = stranded	Colour				210	15	14	Round	448.08	Ring, Drum	Cut length					448
1	35	Class 2 = stranded	Colour				210	15	14	Round	448.08	Ring, Drum	Cut length					448
1	35	Class 2 = stranded	Colour				210	15	14	Round	448.08	Ring	50		963.77		2,100	22
1	35	Class 2 = stranded	Colour				210	15	14	Round	448.08	Ring	100		67.61		100	45
1	35	Class 2 = stranded	Colour		400		210	15	14	Round	448.08	Drum	500	800	255.04	520	500	224
1	50	Class 2 = stranded	Colour				225	15	15	Round	583.51	Ring, Drum	Cut length					584
1	50	Class 2 = stranded	Colour	Yes		No	225	15	15	Round	583.51	Ring, Drum	Cut length					584
1	50	Class 2 = stranded	Colour		300		225	15	15	Round	583.51	Ring	50	430	635.49	142	1,050	29
1	50	Class 2 = stranded	Colour		300		225	15	15	Round	583.51	Ring	100	590	956.42	104	1,600	58
1	50	Class 2 = stranded	Colour		315		225	15	15	Round	583.51	Drum	500	800	323.76	462	500	292
1	70	Class 2 = stranded	Colour				255	15	17	Round	795.85	Ring, Drum	Cut length					796

Product												Packaging						
Number of cores	Nominal cross section conductor (in mm <sup>2</sup> )	Conductor category	Core identification	Core identification according to HD 308 S2	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Shape of conductor	Weight (in EU571166)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
1	70	Class 2 = stranded	Colour		450		255	15	17	Round	795.85	Drum	500	900	444.93	690	500	398
1	95	Class 2 = stranded	Colour				285	15	19	Round	1,067.1	Ring, Drum	Cut length					1,067
1	120	Class 2 = stranded	Colour	Yes		No	300	15	20	Round	1,296.2	Ring, Drum	Cut length					1,296
1	120	Class 2 = stranded	Colour				300	15	20	Round	1,296.2	Ring, Drum	Cut length					1,296
1	120	Class 2 = stranded	Colour				300	15	20	Round	1,296.2	Ring, Drum	Cut length					1,296
1	120	Class 2 = stranded	Colour		500			15	20	Round	1,296.2	Drum	500	1,000	719.1	710	500	648
1	150	Class 2 = stranded	Colour				330	15	22	Round	1,591.9	Ring, Drum	Cut length					1,592
1	150	Class 2 = stranded	Colour				330	15	22	Round	1,591.9	Ring, Drum	Cut length					1,592
1	150	Class 2 = stranded	Colour				330	15	22	Round	1,591.9	Ring, Drum	Cut length					1,592
1	150	Class 2 = stranded	Colour		630			15	22	Round	1,591.9	Drum	500	1,250	939.95	890	500	796
1	185	Class 2 = stranded	Colour	Yes			360	15	24	Round	1,954.1	Ring, Drum	Cut length					1,954
1	185	Class 2 = stranded	Colour				360	15	24	Round	1,954.1	Ring, Drum	Cut length					1,954

Product												Packaging						
Number of cores	Nominal cross section conductor (in mm <sup>2</sup> )	Conductor category	Core identification	Core identification according to HD 308 S2	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Shape of conductor	Weight (in EU571166)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
1	185	Class 2 = stranded	Colour				360	15	24	Round	1,954.1	Ring, Drum	Cut length					1,954
1	185	Class 2 = stranded	Colour		630			15	24	Round	1,954.1	Drum	500	1,250	1,121.05	890	500	977
1	240	Class 2 = stranded	Colour				405	15	27	Round	2,525.2	Ring, Drum	Cut length					2,525
1	240	Class 2 = stranded	Colour				405	15	27	Round	2,525.2	Ring, Drum	Cut length					2,525
1	240	Class 2 = stranded	Colour				405	15	27	Round	2,525.2	Ring, Drum	Cut length					2,525
1	240	Class 2 = stranded	Colour		630			15	27	Round	2,525.2	Drum	500	1,250	1,406.6	890	500	1,263
1	300	Class 2 = stranded	Colour				450	15	30	Round	3,150.1	Ring, Drum	Cut length					3,150
1	300	Class 2 = stranded	Colour		630			15	30	Round	3,150.1	Drum	500	1,250	1,719.05	890	500	1,575
3	1.5	Class 1 = solid	Colour		200	Yes	132	12	11	Round	179.74	Ring	50	390	508.1	68	2,700	9
3	1.5	Class 1 = solid	Colour		200		132	12	11	Round	179.74	Ring	100	390	669.86	136	3,600	18
3	1.5	Class 1 = solid	Colour		150		132	12	11	Round	179.74	Drum	500	500	583.02	419	3,000	90
3	2.5	Class 1 = solid	Colour		200		144	12	12	Round	222.77	Ring	50	390	624.28	79	2,700	11
3	2.5	Class 1 = solid	Colour		200		144	12	12	Round	222.77	Ring	100	390	691.11	157	3,000	22
3	2.5	Class 1 = solid	Colour		260		144	12	12	Round	222.77	Drum	500	600	485.94	419	2,000	111
3	4	Class 1 = solid	Colour				168	12	14	Round	312.52	Ring, Drum	Cut length					313

Product											Packaging							
Number of cores	Nominal cross section conductor (in mm²)	Conductor category	Core identification	Core identification according to HD 308 S2	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Shape of conductor	Weight (in EU571166)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
3	4	Class 1 = solid	Colour				168	12	14	Round	312.52	Ring, Drum	Cut length					313
3	4	Class 1 = solid	Colour		300		168	12	14	Round	312.52	Ring	50	470	397.82	90	1,200	16
3	4	Class 1 = solid	Colour		300		168	12	14	Round	312.52	Ring	100	590	585.34	91	1,800	31
3	4	Class 1 = solid	Colour		315		168	12	14	Round	312.52	Drum	500	710	183.26	462	500	156
3	6	Class 1 = solid	Colour				180	12	15	Round	390.43	Ring, Drum	Cut length					390
3	6	Class 1 = solid	Colour				180	12	15	Round	390.43	Ring, Drum	Cut length					390
3	6	Class 1 = solid	Colour		300		180	12	15	Round	390.43	Ring	50	430	491.32	144	1,200	20
3	6	Class 1 = solid	Colour		300		180	12	15	Round	390.43	Ring	100	590	647.49	106	1,600	39
3	6	Class 1 = solid	Colour		315		180	12	15	Round	390.43	Drum	500	752	854.3	419	2,000	195
3	10	Class 1 = solid	Colour				204	12	17	Round	539.12	Ring, Drum	Cut length					543
3	10	Class 1 = solid	Colour		300	Yes	204	12	17	Round	539.12	Ring	50	470	511.81	130	900	27
3	10	Class 1 = solid	Colour		300		204	12	17	Round	539.12	Ring	100	590	566.14	131	1,000	54
3	10	Class 1 = solid	Colour		450			12	17	Round	539.12	Drum	500	900	318.67	690	500	272
3	16	Class 1 = solid	Colour				228	12	19	Round	748.97	Ring, Drum	Cut length					749
3	16	Class 1 = solid	Colour				228	12	19	Round	748.97	Ring	50		696.87		900	37
3	16	Class 1 = solid	Colour		450			12	19	Round	748.97	Drum	500	900	421.49	690	500	374
3	25	Class 2 = stranded	Colour				288	12	24	Round	1,298.6	Ring, Drum	Cut length					1,299

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Number of cores	Nominal cross section conductor (in mm <sup>2</sup> )	Conductor category	Core identification	Core identification according to HD 308 S2	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Shape of conductor	Weight (in EU571166)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
3	35	Class 2 = stranded	Colour				300	12	25	Sector-shaped	1,588	Ring, Drum	Cut length					1,588
3	70	Class 2 = stranded	Colour			No	384	12	32	Sector-shaped	2,865.9	Ring, Drum	Cut length					2,866
3	120	Class 2 = stranded	Colour				504	12	42	Sector-shaped	4,910.3	Ring, Drum	Cut length					4,910
3	150	Class 2 = stranded	Colour				528	12	44	Sector-shaped	5,836.6	Ring, Drum	Cut length					5,837
4	1.5	Class 1 = solid	Colour		200		144	12	12	Round	208.09	Ring	50	390	584.64	78	2,700	10
4	1.5	Class 1 = solid	Colour		200		144	12	12	Round	208.09	Ring	100	390	647.07	155	3,000	21
4	1.5	Class 1 = solid	Colour		260			12	12	Round	208.09	Drum	500	600	456.58	419	2,000	104
4	2.5	Class 1 = solid	Colour		200		156	12	13	Round	261.49	Ring	50	390	650.38	90	2,400	13
4	2.5	Class 1 = solid	Colour		200		156	12	13	Round	261.49	Ring	100	430	545.78	139	2,000	26
4	2.5	Class 1 = solid	Colour		260			12	13	Round	261.49	Drum	500	600	563.38	419	2,000	131
4	4	Class 1 = solid	Colour				180	12	15	Round	371.18	Ring, Drum	Cut length					371
4	4	Class 1 = solid	Colour				180	12	15	Round	371.18	Ring, Drum	Cut length					371
4	4	Class 1 = solid	Colour		300		180	12	15	Round	371.18	Ring	50	430	468.22	144	1,200	19
4	4	Class 1 = solid	Colour		300		180	12	15	Round	371.18	Ring	100	590	616.69	106	1,600	37
4	4	Class 1 = solid	Colour		315		180	12	15	Round	371.18	Drum	500	800	217.59	462	500	186
4	4	Class 1 = solid	Colour		315		180	12	15	Round	371.18	Drum	500	752	815.8	419	2,000	186



Product												Packaging						
Number of cores	Nominal cross section conductor (in mm²)	Conductor category	Core identification	Core identification according to HD 308 S2	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Shape of conductor	Weight (in EU571166)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
4	6	Class 1 = solid	Colour				192	12	16	Round	468.89	Ring, Drum	Cut length					469
4	6	Class 1 = solid	Colour				192	12	16	Round	468.89	Ring, Drum	Cut length					469
4	6	Class 1 = solid	Colour		300		192	12	16	Round	468.89	Ring	50	470	444.8	122	900	23
4	6	Class 1 = solid	Colour		300		192	12	16	Round	468.89	Ring	100	590	585.47	124	1,200	47
4	6	Class 1 = solid	Colour		450		192	12	16	Round	468.89	Drum	500	900	281.91	690	501	234
4	6	Class 1 = solid	Colour		450		192	12	16	Round	468.89	Drum	500	900	281.45	690	500	234
4	10	Class 1 = solid	Colour				228	12	19	Round	656.36	Ring, Drum	Cut length					662
4	10	Class 1 = solid	Colour				228	12	19	Round	656.36	Ring, Drum	Cut length					662
4	10	Class 1 = solid	Colour		300		228	12	19	Round	656.36	Ring	50	470	618.31	152	900	33
4	10	Class 1 = solid	Colour		450	Yes	228	12	18	Round	656.36	Drum	500	900	377.84	690	500	331
4	16	Class 1 = solid	Colour				240	12	20	Round	928.76	Ring, Drum	Cut length					929
4	16	Class 1 = solid	Colour				240	12	20	Round	928.76	Ring, Drum	Cut length					929
4	16	Class 1 = solid	Colour		300		240	12	20	Round	928.76	Ring	50	590	672.93	98	700	46
4	16	Class 1 = solid	Colour		500		240	12	20	Round	928.76	Drum	500	1,000	536.31	710	501	464
4	16	Class 1 = solid	Colour		500		240	12	20	Round	928.76	Drum	500	1,000	535.38	710	500	464
4	25	Class 2 = stranded	Colour				300	12	25	Round	1,452.1	Ring, Drum	Cut length					1,452

Product											Packaging							
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4	25	Class 2 = stranded	Colour		630		300	12	25	Round	1,452.1	Drum	500	1,250	870.05	890	500	726
4	35	Class 2 = stranded	Colour				300	12	25	Sector-shaped	1,697	Ring, Drum	Cut length					1,697
4	50	Class 2 = stranded	Colour				360	12	30	Sector-shaped	2,357	Ring, Drum	Cut length					2,357
4	70	Class 2 = stranded	Colour				396	12	33	Sector-shaped	3,141.9	Ring, Drum	Cut length					3,142
4	95	Class 2 = stranded	Colour				444	12	37	Sector-shaped	4,301.3	Ring, Drum	Cut length					4,301
4	120	Class 2 = stranded	Colour				516	12	43	Sector-shaped	5,438.7	Ring, Drum	Cut length					5,439
4	150	Class 2 = stranded	Colour				528	12	44	Sector-shaped	6,483	Ring, Drum	Cut length					6,483
4	185	Class 2 = stranded	Colour			No	612	12	51	Sector-shaped	8,243.5	Ring, Drum	Cut length					8,244
4	240	Class 2 = stranded	Colour				672	12	56	Sector-shaped	10,501	Ring, Drum	Cut length					10,501
5	1.5	Class 1 = solid	Colour		200		156	12	13	Round	238.32	Ring	50	390	594.77	89	2,400	12
5	1.5	Class 1 = solid	Colour		200		156	12	13	Round	238.32	Ring	100	430	499.44	137	2,000	24
5	1.5	Class 1 = solid	Colour		260		156	12	13	Round	238.32	Drum	500	600	517.04	419	2,000	119
5	2.5	Class 1 = solid	Colour		200	Yes	168	12	14	Round	302.57	Ring	50	430	748.97	123	2,400	15
5	2.5	Class 1 = solid	Colour		200		168	12	14	Round	302.57	Ring	100	470	567.43	135	1,800	30
5	2.5	Class 1 = solid	Colour		315		168	12	14	Round	302.57	Drum	500	752	678.58	419	2,000	151

Product												Packaging						
Number of cores	Nominal cross section conductor (in mm <sup>2</sup> )	Conductor category	Core identification	Core identification according to HD 308 S2	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Shape of conductor	Weight (in EU571166)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
5	4	Class 1 = solid	Colour				192	12	16	Round	433.25	Ring, Drum	Cut length					433
5	4	Class 1 = solid	Colour				192	12	16	Round	433.25	Ring, Drum	Cut length					433
5	4	Class 1 = solid	Colour		300		192	12	16	Round	433.25	Ring	50	470	412.73	122	900	22
5	4	Class 1 = solid	Colour		300			12	16	Round	433.25	Ring	100	590	629.35	124	1,400	43
5	4	Class 1 = solid	Colour		450		192	12	16	Round	433.25	Drum	500	900	263.63	690	500	217
5	6	Class 1 = solid	Colour				216	12	18	Round	551.43	Ring, Drum	Cut length					551
5	6	Class 1 = solid	Colour				216	12	18	Round	551.43	Ring, Drum	Cut length					551
5	6	Class 1 = solid	Colour		300		216	12	18	Round	551.43	Ring	50	470	519.09	143	900	28
5	6	Class 1 = solid	Colour					12	18	Round	551.43	Ring	100		574.23		1,000	55
5	6	Class 1 = solid	Colour		450		216	12	18	Round	551.43	Drum	500	900	322.72	690	500	276
5	10	Class 1 = solid	Colour				240	12	20	Round	778.69	Ring, Drum	Cut length					785
5	10	Class 1 = solid	Colour				240	12	20	Round	778.69	Ring, Drum	Cut length					785
5	10	Class 1 = solid	Colour		300		240	12	20	Round	778.69	Ring	50	590	729.62	91	900	39
5	10	Class 1 = solid	Colour		400			12	20	Round	778.69	Drum	250	800	227.34	520	250	196
5	10	Class 1 = solid	Colour		450		240	12	20	Round	778.69	Drum	500	900	439.68	690	500	393
5	16	Class 1 = solid	Colour				264	12	22	Round	1,122.3	Ring, Drum	Cut length					1,122

Product											Packaging							
Number of cores	Nominal cross section conductor (in mm <sup>2</sup> )	Conductor category	Core identification	Core identification according to HD 308 S2	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Shape of conductor	Weight (in EU571166)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
5	16	Class 1 = solid	Colour				264	12	22	Round	1,122.3	Ring, Drum	Cut length					1,122
5	16	Class 1 = solid	Colour	Yes	300	Yes	264	12	22	Round	1,122.3	Ring	25	470	612.01	114	525	28
5	16	Class 1 = solid	Colour		300		264	12	22	Round	1,122.3	Ring	50	590	696.18	116	600	56
5	16	Class 1 = solid	Colour		450		264	12	22	Round	1,122.3	Drum	250	900	327.58	690	250	281
5	16	Class 1 = solid	Colour		500		264	12	22	Round	1,122.3	Drum	500	1,000	632.15	710	500	561
5	25	Class 2 = stranded	Colour				336	12	28	Round	1,757.8	Ring, Drum	Cut length					1,725
5	25	Class 2 = stranded	Colour				336	12	28	Round	1,757.8	Ring, Drum	Cut length					1,725
5	25	Class 2 = stranded	Colour		500		336	12	28	Round	1,757.8	Drum	250	1,000	504	710	251	431
5	25	Class 2 = stranded	Colour		500		336	12	28	Round	1,757.8	Drum	250	1,000	502.28	710	250	431
5	25	Class 2 = stranded	Colour		630		336	12	28	Round	1,757.8	Drum	500	1,250	1,006.55	890	500	863
5	35	Class 2 = stranded	Colour				372	12	31	Round	2,314.1	Ring, Drum	Cut length					2,268
5	35	Class 2 = stranded	Colour		710		372	12	31	Round	2,314.1	Drum	500	1,400	1,309	890	500	1,134
5	50	Class 2 = stranded	Colour			No	420	12	35	Round	3,129.3	Ring, Drum	Cut length					3,129
5	70	Class 2 = stranded	Colour			No		12	40	Round	4,314.2	Ring, Drum	Cut length					4,314

Product											Packaging							
Number of cores	Nominal cross section conductor (in mm²)	Conductor category	Core identification	Core identification according to HD 308 S2	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Shape of conductor	Weight (in EU571166)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
5	95	Class 2 = stranded	Colour				564	12	47	Round	5,904.6	Ring, Drum	Cut length					5,905
5	120	Class 2 = stranded	Colour				600	12	50	Round	7,165.7	Ring, Drum	Cut length					7,166
5	150	Class 2 = stranded	Colour					12	56	Round	8,991.43	Ring, Drum	Cut length					8,991
5	185	Class 2 = stranded	Colour				756	12	63	Round	11,096	Ring, Drum	Cut length					11,096
5	240	Class 2 = stranded	Colour				840	12	70	Round	14,393	Ring, Drum	Cut length					14,393
7	1.5	Class 1 = solid	Numbers				168	12	14	Round	289.27	Ring, Drum	Cut length					289
7	1.5	Class 1 = solid	Numbers				168	12	14	Round	289.27	Ring, Drum	Cut length					289
7	1.5	Class 1 = solid	Numbers		300		168	12	14	Round	289.27	Ring	50	430	485.63	120	1,600	14
7	1.5	Class 1 = solid	Numbers		300		168	12	14	Round	289.27	Ring	100	590	543.49	88	1,800	29
7	1.5	Class 1 = solid	Numbers		355		168	12	14	Round	289.27	Drum	500	710	169.64	520	500	145
7	1.5	Class 1 = solid	Numbers		315		168	12	14	Round	289.27	Drum	500	752	651.98	419	2,000	145
7	1.5	Class 1 = solid	Numbers		630		168	12	14	Round	289.27	Drum	2000	1,250	722.54	890	2,000	579
7	2.5	Class 1 = solid	Numbers				180	12	15	Round	373.65	Ring, Drum	Cut length					374
7	2.5	Class 1 = solid	Numbers				180	12	15	Round	373.65	Ring, Drum	Cut length					374
7	2.5	Class 1 = solid	Numbers		300		180	12	15	Round	373.65	Ring	50	430	471.18	142	1,200	19

Product												Packaging						
Number of cores	Nominal cross section conductor (in mm <sup>2</sup> )	Conductor category	Core identification	Core identification according to HD 308 S2	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Shape of conductor	Weight (in EU571166)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
7	2.5	Class 1 = solid	Numbers		300		180	12	15	Round	373.65	Ring	100	590	620.64	104	1,600	37
7	2.5	Class 1 = solid	Numbers		315		180	12	15	Round	373.65	Drum	500	752	820.74	419	2,000	187
7	4	Class 1 = solid	Numbers				216	12	18	Round	540.81	Ring, Drum	Cut length					541
7	4	Class 1 = solid	Numbers				216	12	18	Round	540.81	Ring, Drum	Cut length					541
7	4	Class 1 = solid	Numbers		450			12	18	Round	540.81	Drum	500	900	317.41	690	500	270