Power cable

VO-YMvKas Dca

Starkstromkabel, VPE-isoliert mit Cu-Leitern und konz. Leiter aus Stahl- u. Cu-Drähten, mit verb. Verhalten im Brandfall

0.6/1 kV



according HD 604 part 4D.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Conductor category	Class 1 = solid	
Shape of conductor	Round	
Core identification	Colour	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	No	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	Other	
Armouring	Yes	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	

Waskönig + Walter Kabel-Werk GmbH u. Co. KG
Ostermoorstraße 77, 26683 Saterland
Phone: +49 4498 88-0 | Fax: +49 4498 88-900
https://www.waskoenig.de

Characteristics	Properties	Unit
Colour outer sheath	Grey	
Conductive coating	No	
Longitudinal water blocking screen	No	
Reaction-to-fire according to EN 13501-6: Class	Dca	
Reaction-to-fire according to EN 13501-6: Smoke production	s2	
Reaction-to-fire according to EN 13501-6: Flaming droplets/particles	d2	
Reaction-to-fire according to EN 13501-6: Acidity	a3	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	In accordance with IEC/EN 60332-3-24	
Low smoke (acc. EN 61034-2)	No	
Max. conductor temperature	90	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	12	x Außen-Ø
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		

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Product									Packaging						
Number of cores	Nominal cross section conductor (in mm²)	Core diameter	Core identification according to HD 308 S2	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permane installation (in mm)	Nominal cross section concentric conductor (in mm²)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Bruttogewicht pro Paletteinheit	Height	Outer diameter	pallet unit	Net weight (in kg)
2	1.5			Yes	168	1.5	14	250.53	Ring, Drum	Cut length					251
2	1.5	200		Yes	168	1.5	14	250.53	Ring	100	524.68	155	430	2,000	25
2	1.5	315			168	1.5	14	250.53	Drum	500	575.32	419	752	2,000	125
2	2.5		Yes	Yes	168	2.5	14	288.09	Ring, Drum	Cut length					288
2	2.5					2.5	14	284.89	Ring	10	316.65			1,020	3
2	2.5	300			168	2.5	14	284.89	Ring	25	411.72	87	400	1,350	7
2	2.5	300			168	2.5	14	284.89	Ring	50	714.22	128	430	2,400	14
2	2.5	300				2.5	14	284.89	Ring	50	714.22	128	430	2,400	14
2	2.5	300			168	2.5	14	284.89	Ring	100	598.98	94	590	2,000	29
2	2.5	315			168	2.5	14	284.89	Drum	500	649.62	419	752	2,000	144
2	4					4	16	357.06	Ring, Drum	Cut length					357
2	4	300				4	16	357.06	Ring	100	522.68	120	570	1,400	36
2	4	315				4	16	357.06	Drum	500	787.56	419	752	2,000	179
2	6	300					17	434.66	Ring	100	544.39	140	620	1,200	43
2	6	315					17	434.66	Drum	500	942.76	419	752	2,000	217
3	1.5			Yes	168	1.5	14	264.61	Ring, Drum	Cut length					265
3	1.5	300		Yes	168	1.5	14	264.61	Ring	100	500.27	95	600	1,800	27
3	1.5	315		Yes	168	1.5	14	264.61	Drum	500	603.96	419	752	2,000	133
3	2.5				180	2.5	15	311.68	Ring, Drum	Cut length					315
3	2.5			Yes		2.5	15	319.46	Ring, Drum	Cut length					323
3	2.5					2.5	15	319.46	Ring, Drum	Cut length					323

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Subject to technical alterations

Waskönig + Walter

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Number of cores	Nominal cross section conductor (in mm²)	Core diameter	Core identification according to HD 308 S2	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permane installation (in mm)	Nominal cross section concentric conductor (in mm²)	Outer diameter ap prox. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Bruttogewicht pro Paletteinheit	Height	Outer diameter	pallet unit	Net weight (in kg)
3	2.5	300			180	2.5	15	311.68	Ring	50	400.74	137	430	1,200	16
3	2.5	300				2.5	15	311.68	Ring	50	400.74	116	440	1,200	16
3	2.5	300			180	2.5	15	311.68	Ring	100	526.72	101	590	1,600	32
3	2.5	315		Yes	180	2.5	15	311.68	Drum	500	703.34	419	752	2,000	157
3	4					4	17	396.61	Ring, Drum	Cut length					397
3	6					6	17	494.15	Ring, Drum	Cut length					494
3	6			Yes		6	20	522.97	Ring, Drum	Cut length					525
3	6					6	17	494.15	Ring, Drum	Cut length					494
4	1.5			Yes	180	1.5	15	291.66	Ring, Drum	Cut length					292
4	1.5	300		Yes	180	1.5	15	291.66	Ring	100	489.46	110	580	1,600	29
4	1.5	315		Yes	180	1.5	15	291.66	Drum	500	656.76	419	752	2,000	146
4	2.5			Yes	192	2.5	16	362.79	Ring, Drum	Cut length					363
4	2.5	300			192	2.5	16	362.79	Ring	50	458.15	152	430	1,200	18
4	2.5	300			192	2.5	16	362.79	Ring	100	530.71	112	590	1,400	36
4	4					4	17	454.25	Ring, Drum	Cut length					454
4	4	300				4	17	454.25	Ring	100	567.9	145	580	1,200	45
4	4	315				4	17	454.25	Drum	500	981.94	419	752	2,000	227
4	6					6	18	565.09	Ring, Drum	Cut length					565
4	6			Yes		6	18	576.08	Ring, Drum	Cut length					579
4	6					6	22	650.41	Ring, Drum	Cut length					700
4	6					6	18	565.09	Ring, Drum	Cut length					565

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4	6		Yes	Yes		6	21	628.79	Ring, Drum	Cut length					598
4	6	300				6	18	565.09	Ring	100	587.89	160	600	1,000	57
5	1.5				180	1.5	15	323.01	Ring, Drum	Cut length					324
5	1.5	300			180	1.5	15	323.01	Ring	100	540.99	110	620	1,600	32
5	1.5	315			180	1.5	15	323.01	Drum	500	721.18	419	752	2,000	162
5	2.5				192	2.5	16	392	Ring, Drum	Cut length					392
5	2.5	300			192	2.5	16	392	Ring	100	571.66	125	590	1,400	39
5	2.5	450			192	2.5	16	392	Drum	500	244.02	695	900	500	196

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