

POWERFLEX® RV-K - 0.6/1 kV

Application:

POWERFLEX® RV-K is a series of very unique flexible installation cables. The cables are built as flexible installation cables manufactured of PVC. The cables are suited for all use in street lights, industry and building installations. They are very suitable for installations where a flexible connection is needed such as in a motor, generator and similar. The cables can be buried directly in the soil. Conductor insulation is not suitable for direct light exposure.

Construction:

Conductor:	Electrolytic annealed Cu, class 5 acc. to IEC 60228
Insulation:	XLPE type DIX-3 acc. to HD 603
Conductor color:	According to HD 308
Filling sheath:	Flexible unleaded PVC
Outer sheath:	Flexible PVC type DMV-18 acc. to HD 603, UV resistant, black *3305006H = white

Technical data:

Working temperature:	Fixed installation: -40° C to +90° C
Rated voltage:	0.6/1 kV
Bend radius:	5 x cable diameter
Technical comments:	Conductor resistance: 1 conductor 2 or 3 conductors 4 conductors 5 conductors
	E_{ca}

Approvals:

EN 50575, IEC 60502-1 / UNE 21123-2, IEC 60332-1, IEC 60502, VDE, AENOR, KEMA-KEUR, Bureau Veritas, CE, RoHS



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Properties and installation:

-  Abrasion resistant
-  Bending radius 5 x cable diameter
-  Can be buried
-  Can be immersed into water
-  Can lay in tubes
-  Flame retardant acc. to IEC 60332-1
-  Flexible
-  For industrial mobile use
-  For industrial use
-  For permanent outdoor installation
-  For use in cable trays
-  For use in switchboards
-  Impact resistance: medium
-  250° Max. short circuit temp. +250° C
-  90° Max. working temp. +90° C
-  Meter marked
-  -40° Min. working temperature -40° C
-  Oil and grease resistant
-  Oil resistant
-  Outdoor use
-  Resistance towards oil and chemicals
-  Suitable for bricking
-  Suited for wall attachment
-  UV-resistant
-  Water resistant
-  Withstands freezing
-  Withstands moisture

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SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Winding	Diameter (mm)*	Weight (kg/km)*
3301001	5704403010813	E _{ca}	1x1,5	28	D./Cut	5,7	45
3301002	5704403010820	E _{ca}	1x2,5	39	D./Cut	6,2	55
3301004	5704403010837	E _{ca}	1x4	53	D./Cut	6,7	70
3301006	5704403010844	E _{ca}	1x6	68	D./Cut	7,3	90
3301010	5704403010851	E _{ca}	1x10	93	D./Cut	8,2	135
3301016	5704403010868	E _{ca}	1x16	124	D./Cut	9,2	190
3301025	5704403010875	E _{ca}	1x25	161	D./Cut	11,0	285
3301035	5704403010882	E _{ca}	1x35	200	D./Cut	12,1	385
3301050	5704403010899	E _{ca}	1x50	242	D./Cut	13,8	520
3301070	5704403010905	E _{ca}	1x70	310	D./Cut	15,7	715
3301095	5704403010912	E _{ca}	1x95	377	D./Cut	17,6	925
3301120	5704403010929	E _{ca}	1x120	437	D./Cut	19,2	1165
3301150	5704403010936	E _{ca}	1x150	504	D./Cut	21,5	1450
3301185	5704403010943	E _{ca}	1x185	575	D./Cut	23,9	1750
3301240	5704403010950	E _{ca}	1x240	679	D./Cut	26,9	2280
3301300	5704403010967	E _{ca}	1x300	783	D./Cut	29,6	2830
3301400	5704403010974	E _{ca}	1x400	930	D./Cut	33,8	3735
3301500	5704403010981	E _{ca}	1x500	1070	D./Cut	37,4	4780
3301630	5704403011001	E _{ca}	1x630	1232	D./Cut	42,7	6280
3302001	5704403011018	E _{ca}	2x1,5	26	D./Cut	8,2	90
3302002	5704403011025	E _{ca}	2x2,5	36	D./Cut	9,2	120
3302004	5704403011032	E _{ca}	2x4	49	D./Cut	10,3	165
3302006	5704403011049	E _{ca}	2x6	63	D./Cut	11,3	215
3302010	5704403011056	E _{ca}	2x10	86	D./Cut	13,2	320
3302016	5704403011063	E _{ca}	2x16	115	D./Cut	14,9	450
3303001	5704403011070	E _{ca}	3G1,5	26	D./Cut	8,9	110
3303002	5704403011087	E _{ca}	3G2,5	36	D./Cut	9,8	145
3303004	5704403011094	E _{ca}	3G4	49	D./Cut	11,0	200
3303006	5704403011100	E _{ca}	3G6	63	D./Cut	12,1	265
3303010	5704403011117	E _{ca}	3G10	86	D./Cut	14,3	405
3303016	5704403011124	E _{ca}	3x16	100	D./Cut	16,4	595
3303016G	5704403011131	E _{ca}	3G16	100	D./Cut	16,4	595
3304001	5704403011209	E _{ca}	4G1,5	23	D./Cut	9,7	130
3304002	5704403011216	E _{ca}	4G2,5	32	D./Cut	10,7	175
3304004	5704403011223	E _{ca}	4x4	42	D./Cut	12,0	245
3304004G	5704403011230	E _{ca}	4G4	42	D./Cut	12,0	245
3304006	5704403011247	E _{ca}	4x6	54	D./Cut	13,4	330
3304006G	5704403011254	E _{ca}	4G6	54	D./Cut	13,4	330
3304010B	5704403033409	E _{ca}	4x10	75	D./Cut	15,7	505
3304010G	5704403011278	E _{ca}	4G10	75	D./Cut	15,7	505
3304016B	5704403033416	E _{ca}	4x16	100	D./Cut	18,2	750
3304016G	5704403011292	E _{ca}	4G16	100	D./Cut	18,2	750
3304025	5704403011308	E _{ca}	4x25	127	D./Cut	24,1	1245
3304025G	5704403011315	E _{ca}	4G25	127	D./Cut	24,1	1245
3304035	5704403011339	E _{ca}	4x35	158	D./Cut	26,3	1675
3304035G	5704403011346	E _{ca}	4G35	158	D./Cut	26,3	1675
3304050	5704403011360	E _{ca}	4x50	192	D./Cut	31,3	2315
3304050G	5704403011377	E _{ca}	4G50	192	D./Cut	31,3	2315

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3304070	5704403011384	E _{ca}	4x70	246	D./Cut	36,1	3205
3304070G	5704403011391	E _{ca}	4G70	246	D./Cut	36,1	3205
3304095	5704403011407	E _{ca}	4x95	298	D./Cut	40,2	4130
3304095G	5704403011414	E _{ca}	4G95	298	D./Cut	40,2	4130
3304120	5704403011438	E _{ca}	4x120	346	D./Cut	44,6	5245
3304120G	5704403011445	E _{ca}	4G120	346	D./Cut	44,6	5245
3304150	5704403011452	E _{ca}	4x150	399	D./Cut	49,8	6575
3304150G	5704403011469	E _{ca}	4G150	399	D./Cut	49,8	6575
3304185	5704403011476	E _{ca}	4x185	456	D./Cut	56,1	8050
3304185G	5704403027330	E _{ca}	4G185	456	D./Cut	56,1	8050
3304240G	5704403011490	E _{ca}	4G240	538	D./Cut	64,5	10695
3305001	5704403011506	E _{ca}	5G1,5	23	D./Cut	10,4	155
3305002	5704403011513	E _{ca}	5G2,5	32	D./Cut	11,6	215
3305004	5704403011520	E _{ca}	5G4	42	D./Cut	13,2	300
3305004TR100	5704403196937	E _{ca}	5G4	42	R-100	13,2	300
3305006B	5704403033423	E _{ca}	5G6	54	D./Cut	14,7	405
3305006BR100	5704403195688	E _{ca}	5G6	54	R-100	14,7	405
3305006H	5704403189540	E _{ca}	5G6*	54	D./Cut	14,7	405
3305006HR100	5704403195695	E _{ca}	5G6*	54	R-100	14,7	405
3305010B	5704403033430	E _{ca}	5G10	75	D./Cut	17,1	625
3305016B	5704403033447	E _{ca}	5G16	100	D./Cut	20,2	935
3305025	5704403011568	E _{ca}	5G25	127	D./Cut	25,6	1555
3305035	5704403011575	E _{ca}	5G35	158	D./Cut	29,3	2080
3305050	5704403011582	E _{ca}	5G50	192	D./Cut	34,5	2895
3305070	5704403011599	E _{ca}	5G70	246	D./Cut	38,7	3930
3305095	5704403011605	E _{ca}	5G95	298	D./Cut	44,6	5190
3305120	5704403095810	E _{ca}	5G120	346	D./Cut	49,7	6560
3305150	5704403095827	E _{ca}	5G150	399	D./Cut	55,6	8145