



POWERFLEX RV-K

Flexible Power Cable for Industrial Applications and Submersible Pumps

CONSTRUCTION	
Conductors	Electrolytic annealed copper conductor Class 5 (Flexible) according to IEC 60228
Insulation	XLPE Cross-linked polyethylene DIX-3 acc. to IEC 60502-1 & HD 603-1
Outer Jacket	Flexible AD8 Composite Compound PVCST2 acc. to IEC 60502-1
Voltage	0.6/1 kV
Minimum Bending Radius	5 x cable diameter

PROPERTIES	
Submersible Rating	AD8 Submersion up to 200M
Environmental Resistance	UV Resistant UNE 211605, Good resistance to chemicals & oils
Fire Performance	Flame retardant IEC 60332-1, CPR: Eca, Reduce Halogen Emission, Chlorine <15%
Temperature Range	-40C - +90C
Maximum	Max. short-circuit temperature 250C 5 sec.

APPLICATIONS	
Bore Pumping Applications and submersible pump installations	
Music, Theatre Lighting and Stage Power Supply	
Indoor & Outdoor installations, damp conditions & permanent submersion. Marine Applications BV approved.	

PACKAGING	
Roll Lengths	1000M, 500M, 100M, Cut Lengths
Cable Marking	TOP CABLE POWERFLEX RV-K 0.6/1 KV XGX.X(SIZE) mm2 UNE 21123 IEC 60502 AENOR KEMA-KEUR E- 022-14-3795 CE / R2V SOUPLE 0.6/1 KV XGX,5 mm2 /90C DOP TC004 Eca MADE IN SPAIN 33460(Batch) YEARXXXX 1793(Meter)
	Meter marked



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Product code	Cross-section mm ²	Overall Diameter	Max amps *	Voltage drop (V/A -km)	Weight (kg/km)
RVK02/1.5	2X1.5	8.2	24	34	90
RVK02/2.5	2X2.5	9.2	32	20.4	120
RVK02/4.0	2X4.0	10.3	43	12.7	165
RVK03/1.5	3G 1.5	8.9	20	34	110
RVK03/2.5	3G 2.5	9.8	27	20.4	145
RVK03/4.0	3G 4.0	11	36	12.7	200
RVK03/6.0	3G 6.0	12.1	46	8.45	265
RVK03/10	3G 10	14.3	66	4.89	405
RVK04/1.5	4G 1.5	9.7	20	33.9	130
RVK04/2.5	4G 2.5	10.7	27	20.3	175
RVK04/4.0	4G 4.0	12.0	36	12.6	245
RVK04/6.0	4G 6.0	13.4	46	8.41	330
RVK04/10	4G 10	15.7	66	4.87	505
RVK04/16	4G 16	18.2	87	3.08	750
RVK05/1.5	5G 1.5	10.4	20	33.9	155
RVK05/2.5	5G 2.5	11.6	27	20.3	215
RVK05/4.0	5G 4.0	13.2	36	12.6	300
RVK05/6.0	5G 6.0	14.7	46	8.41	405
RVK05/10	5G 10	17.1	66	4.87	625

*Max amperage values according to AS/NZS 3008.1.1:2009 Table 11 (Twin-core), Table 14 (Multicore) X-90, X-HF-90, R-EP-90, R-HF-90, R-CSP-90 90 C (Flexible Cu Unenclosed - Spaced). Ambient temperature 40 C in air, 25 C in ground.