

RV-K - IEC 60502-1 Class 5 Copper XLPE PVC Cable 1.5mm² to 240mm²



Description

RV-K cable is a low voltage power distribution cable with a rating of 600/1000V. It is made in accordance with IEC 60502-1 and AENOR Spanish standard UNE 21123-2.

The high flexibility of the RV-K Cable with its Class 5 Copper conductors makes cable it suitable for complex routes as are found in Datacentres and renewables installations. It can be buried or installed in conduit as well as outdoors without requiring additional protection as allowable by various local regulations.

The outer sheath of the RV-K cable is flame retardant PVC in accordance with EN 60332-1 and the XLPE insulation provides an operating temperature range of -15°C to +90°C. RV-K is compliant to CPR. The RV-K cable is rated AD8 for water resistance, permitting permanent submersion to 5m depth. It is also available as a flexible LSZH cable in our RZ-1 range

Key Features



Voltage Rating
AC: 0.6/1 (1.2)kV
DC: 0.9/1.8kV



Minimum Bending Radius
5 x Overall Diameter



Flame Retardancy
BS EN/IEC 60332-1-2



Temperature Limits
Temperature Range: -15°C to +90°C

Core Colours

2 core -	Blue	Brown			
3 core -	Brown	Blue	Green Yellow		
4 core -	Brown	Blue	Grey	Green Yellow	
5 core -	Brown	Black	Grey	Blue	Green Yellow
6 core and above -	Black	with	White	numbers plus	Green Yellow

Standards

- UNE 211605
- BS EN/IEC 60332-1-2
- BS EN/IEC 60228
- UNE 21123-2
- AENOR
- AD8 water resistance

Construction

- **Conductor:** Class 5 Flexible stranded copper
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Outer Sheath:** UV resistant Polyvinyl Chloride compound (PVC)

QA Lab

Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

ecovadis

RV-K - IEC 60502-1 Class 5 Copper XLPE PVC Cable 1.5mm² to 240mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Minimum Bending Radius	Overall Diameter(mm)	Weight(Kg/Km)
RVKCU1KV1X1/5	1.5	1	29	5.8	45
RVKCU1KV1X2/5	2.5	1	32	6.3	57
RVKCU1KV1X4	4	1	34	6.8	75
RVKCU1KV1X6	6	1	37.5	7.5	95
RVKCU1KV1X10	10	1	43	8.5	144
RVKCU1KV1X16	16	1	47	9.4	200
RVKCU1KV1X25	25	1	55.0	11.0	295
RVKCU1KV1X35	35	1	60.0	12.0	390
RVKCU1KV1X50	50	1	68	13.5	5.5
RVKCU1KV1X70	70	1	78	15.5	703
RVKCU1KV1X95	95	1	85	17.0	925
RVKCU1KV1X120	120	1	97	19.4	1138
RVKCU1KV1X150	150	1	105	21.0	1430
RVKCU1KV1X185	185	1	115	23.0	1745
RVKCU1KV1X240	240	1	130	26.0	2266
RVKCU1KV1X300	300	1	145	29.0	2840
RVKCU1KV1X400	400	1	175	35.0	3625
RVKCU1KV1X500	500	1	190	38.0	4870

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