



### Application

The RV-K cable is intended for power distribution and is suitable for a wide range of low-voltage industrial applications, including building installations and urban distribution networks. Its high flexibility allows for easy installation. Suitable for use in dry, damp, or wet environments, and for both internal and external applications without requiring additional protection.

### Characteristics

**Voltage Rating** 0.6/1kV  
**Min. temp. for cable laying** -5°C  
**Max. working temperature:** 90°C  
**Max. short-circuit temperature** 250°C  
**Min. bending radius** single-core - 15D; multicore - 12D  
**Ambient temperature** -35°C to +35°C  
**CPR class** Eca

### Construction

**Conductor**  
Cu, class 5 according to EN 60228  
**Insulation**  
XLPE (Cross-Linked Polyethylene) Compound  
**Bedding**  
Extruded elastomere or plastomere compound  
**Sheath**  
PVC compound

### Sheath Colour

Black

### Standards

UNE 21123-2, IEC 60502-1, EN 60228, EN 50575, EN 13501-3

### Regulatory Compliance



- The Copper Mark Partnership
- IEWC promotes sustainable practices by our suppliers
  - Copper Mark promotes seven of 17 UN Global Sustainability Goals
  - Copper Mark recipients cover
  - 20% of global copper production

Nom. Cross Section	Max. Resistance at 20°C	Capacity in the Air	Capacity in the Ground	Outer Diameter (Approx)	CU Weight (Approx)	Cable Weight (Approx)
1x1.5	13.30	26	33	5.7	14.4	49
1x2.5	7.98	34	42	6	24	63
1x4	4.95	44	54	6.6	38.4	83
1x6	3.30	56	67	7.2	57.6	110
1x10	1.91	77	89	8.1	96	158
1x16	1.21	102	115	9.3	153.6	215
1x25	0.78	138	148	10.9	240	325
1x35	0.554	170	177	12.4	336	433
1x50	0.386	207	209	14	480	597
1x70	0.272	263	256	16	672	821
1x95	0.206	325	307	18.3	865	1085
1x120	0.161	380	349	20.5	1116	1354
1x150	0.129	437	393	23	1365	1685
1x185	0.106	507	445	25.4	1684	2074
1x240	0.0801	604	517	27.8	2184	2645
1x300	0.0641	697	583	31.2	2880	3285
1x400	0.0486	811	663	34.8	3840	4326
1x500	0.0384	940	749	39.4	4800	5372
1x630	0.0287	1083	843	44.3	6048	6731
2x1.5	13.30	24	31	9.4	28.8	116
2x2.5	7.98	32	40	10.6	48	156
2x4	4.95	42	52	11.8	76.8	207
2x6	3.30	53	64	13.6	115.2	281
2x10	1.91	74	86	16.2	192	447
2x25	0.78	133	145	20.6	480	883
2x35	0.554	162	174	23.2	672	1172
2x50	0.386	197	206	27	960	1625
2x70	0.272	250	254	31.6	1344	2239
2x95	0.206	308	305	35	1824	2914
2x120	0.161	359	348	39.8	2304	3701
2x150	0.129	412	392	44.2	2880	4603
2x185	0.106	475	444	49.4	3552	5699
2x240	0.0801	564	517	55.4	4608	7291

Nom. Cross Section	Max. Resistance at 20°C	Capacity in the Air	Capacity in the Ground	Outer Diameter (Approx)	CU Weight (Approx)	Cable Weight (Approx)
3x1.5	13.30	24	31	9.9	43.2	135
3x2.5	7.98	32	40	11.2	72	184
3x4	4.95	42	52	12.5	115.2	249
3x6	3.30	53	64	14.4	172.8	342
3x10	1.91	74	86	17.2	288	541
3x16	1.21	98	112	17	460.8	708
3x25	0.78	133	145	21.9	720	1114
3x35	0.554	162	174	24.7	1008	1491
3x50	0.386	97	206	28.8	1440	2077
3x70	0.272	250	254	34	2016	2881
3x95	0.206	308	305	37.4	2736	3765
3x120	0.161	359	348	42.6	3456	4768
3x150	0.129	412	392	47.5	4320	5960
3x185	0.106	475	444	53.1	5328	7366
3x240	0.0801	564	517	59.5	6912	9447
4x1.5	13.30	24	31	10.7	57.6	159
4x2.5	7.98	32	40	12.2	96	220
4x4	4.95	42	52	13.6	153.6	301
4x6	3.30	53	64	15.8	230.4	415
4x10	1.91	74	86	18.9	384	655
4x16	1.21	98	112	18.7	614.4	880
4x25	0.78	133	145	24.2	960	1380
4x35	0.554	162	174	27.3	1344	1856
4x50	0.386	97	206	32.1	1920	2606
4x70	0.272	250	254	37.9	2688	3611
4x95	0.206	308	305	41.7	3648	4741
4x120	0.161	359	348	47.7	4608	6016
4x150	0.129	412	392	52.9	5760	7492
4x185	0.106	475	444	59.4	7104	9278
4x240	0.0801	564	517	66.5	9216	11907
5x1.5	13.30	24	31	11.6	72	186
5x2.5	7.98	32	40	13.3	120	259
5x4	4.95	42	52	14.9	192	357

Nom. Cross Section	Max. Resistance at 20°C	Capacity in the Air	Capacity in the Ground	Outer Diameter (Approx)	CU Weight (Approx)	Cable Weight (Approx)
5x6	3.30	53	64	17.3	288	495
5x10	1.91	74	86	20.8	480	781
5x16	1.21	98	112	20.5	768	1062
5x25	0.78	133	145	26.7	1200	1666
5x35	0.554	162	174	30.2	1680	2247
5x50	0.386	97	206	35.7	2400	3175
5x70	0.272	250	254	42.2	3360	4378
5x95	0.206	308	305	46.6	4560	5870
5x120	0.161	359	348	53	5760	7299
5x150	0.129	412	392	59.1	7200	9118
5x185	0.106	475	444	66.2	8880	11282
5x240	0.0801	564	517	74.8	11520	14582