

Treoflex RV-K

XLPE/PVC Sheathed Cable 0.6/1kV

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Technical Data

Special PVC outer sheath
Type DMV 18 according to HD 603

- **Temperature range**
-40°C to +90°C
- **Nominal voltage**
0.6/1kV
- **Minimum bending radius**
5 x cable diameter

Cable Structure

- Flexible electrolytic annealed copper conductor class 5 according to IEC60228
- Core insulation XLPE. type DIX3 according to HD603
- Colour coded conductors
- Special PVC outer sheath

Properties

- Extensively oil resistant
 - No flame propagation
- Resistant to**
- Ozone
 - Chemicals
 - Oil
 - Submersible to 200m

Application

Heavy duty special PVC sheath flexible cable suitable for use in dry, damp, wet areas as well as open air and submersible. The cross linked polyethylene insulation (XLPE) allows greater power transmission as well as a higher resistance to overloads. Its flexibility makes the installation process substantially easier and as a result is particularly suitable for use in difficult layouts. It can be buried or installed in conduits as well as used outdoor without requiring additional protection. The RV-K can withstand total water immersion.

Part No.	No. of Cores x cross-sec	Outer Diameter	Weight kg/km	Current Rating
TA55.0015.01	1 x 1.5	5.7	41	21
TA55.0025.01	1 x 2.5	6.2	53	29
TA55.0040.01	1 x 4	6.7	69	40
TA55.0060.01	1 x 6	7.2	89	53
TA55.0100.01	1 x 10	8.2	134	74
TA55.0160.01	1 x 16	9.3	193	101
TA55.0250.01	1 x 25	10.9	284	135
TA55.0350.01	1 x 35	12.1	377	169
TA55.0500.01	1 x 50	13.8	522	207
TA55.0700.01	1 x 70	15.9	721	268
TA55.0950.01	1 x 95	17.6	913	328
TA55.1200.01	1 x 120	19.5	1.156	383
TA55.1500.01	1 x 150	21.7	1.450	444
TA55.1850.01	1 x 185	23.9	1.745	510
TA55.2400.01	1 x 240	26.9	2.285	607
TA55.3000.01	1 x 300	29.6	2.844	703
TA55.4000.01	1 x 400	33.8	3.726	823
TA55.5000.01	1 x 500	37.4	4.728	946
TA55.6300.01	1 x 630	42.7	6.088	1088
TA55.0015.02	2 x 1.5	8.4	91	26
TA55.0025.02	2 x 2.5	9.5	121	36
TA55.0040.02	2 x 4	10.6	162	49
TA55.0060.02	2 x 6	11.4	208	63
TA55.0100.02	2 x 10	14.4	346	86
TA55.0160.02	2 x 16	16.6	512	115
TA55.0015.03	3 x 1.5	9	108	26
TA55.0025.03	3 x 2.5	10	145	36
TA55.0040.03	3 x 4	11.1	196	49
TA55.0060.03	3 x 6	12.3	262	63
TA55.0100.03	3 x 10	15.2	434	86

Part No.	No. of Cores x cross-sec	Outer Diameter	Weight kg/km	Current Rating
TA55.0160.03	3 x 16	17.6	645	100
TA55.0250.03	3 x 25	21.1	972	127
TA55.0350.03	3 x 35	24.1	1.306	158
TA55.0500.03	3 x 50	27.8	1.822	192
TA55.0700.03	3 x 70	30.8	2.464	246
TA55.0015.04	4 x 1.5	9.6	128	23
TA55.0025.04	4 x 2.5	10.8	174	32
TA55.0040.04	4 x 4	12.1	241	42
TA55.0600.04	4 x 6	13.3	322	54
TA55.0100.04	4 x 10	16.5	537	75
TA55.0160.04	4 x 16	19.6	817	100
TA55.0250.04	4 x 25	23.1	1.201	127
TA55.0350.04	4 x 35	26.1	1.642	158
TA55.0500.04	4 x 50	31.3	2.327	192
TA55.0700.04	4 x 70	36.1	3.206	246
TA55.0950.04	4 x 95	40.4	4.092	298
TA55.1200.04	4 x 120	45.4	5.227	346
TA55.1500.04	4 x 150	50.4	6.600	399
TA55.1850.04	4 x 185	56.1	8.026	456
TA55.2400.04	4 x 240	63.1	10.491	538
TA55.0015.05	5 x 1.5	10.7	153	23
TA55.0025.05	5 x 2.5	11.9	210	32
TA55.0040.05	5 x 4	13.3	291	42
TA55.0060.05	5 x 6	14.7	393	54
TA55.0100.05	5 x 10	18.0	654	75
TA55.0160.05	5 x 16	21.6	1.013	100
TA55.0250.05	5 x 25	25.6	1.506	127
TA55.0350.05	5 x 35	29.1	2.040	158
TA55.0500.05	5 x 50	34.5	2.895	192