

# Treoflex RV-K XLPE/PVC



## 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