

Treoflex – Figure 8 Twin 0.6/1kV



Technical Data

- Extra fine wire to ensure maximum flexibility
- **Temperature range**
-30°C to + 75°C static
-20°C to + 75°C flexing
- **Nominal voltage**
0.6/1kV
- **Bending radius**
5 x cable diameter

Cable Structure

- Annealed bare copper conductors
- Class 6 fine stranding
- Insulation of very flexible NBR 90°C
- Outer sheath of special PVC

Colour :

- Red and Blue (red and black on request)

Properties

- UV Stabilised
- Flame Retardant

Relevant Standards

AS/NZS1125,
IEC60332-1,
AS/NZS5000.1

Application

For use as a battery/jumper cable or battery powered equipment like forklifts and also for Telecom companies for phone equipment.

Part Number	Size mm ²	Conductor Structure No. / Wire mm	Thickness of Insulation mm	Thickness of Sheath mm	Overall Diameter mm	Conductor Resistance @20° Ω/Km	Approx Weight Kg/Km	Current Rating Amps
TA3.0015.02	2 x 1.5	48/0.2	0.8	0.9	5.0 x 10.2	13.3	76	19
TA3.0025.02	2 x 2.5	80/0.2	0.8	1.0	5.6 x 11.4	7.98	101	25
TA3.0040.02	2 x 4	127/0.2	0.8	1.0	6.5 x 13.2	4.95	153	42
TA3.0060.02	2x 6	190/0.2	0.8	1.1	7.3 x 14.8	3.3	219	62
TA3.0100.02	2 x 10	318/0.2	1.0	1.2	9.0 x 18.2	1.91	325	105
TA3.0160.02	2 x 16	504/0.2	1.0	1.2	10.0 x 20.2	1.21	444	135
TA3.0250.02	2 x 25	770/0.2	1.2	1.2	11.9 x 24.0	0.78	675	180
TA3.0350.02	2 x 35	714/0.25	1.2	1.2	13.7 x 27.6	0.554	913	225
TA3.0500.02	2 x 50	1042/0.25	1.4	1.4	15.6 x 31.4	0.384	1298	285
TA3.0700.02	2 x 70	1474/0.25	1.4	1.4	17.5 x 35.2	0.272	1738	355

Duty Cycle Current Rating (A)						
Size	100%	85%	60%	30%	20%	10%
2 x 4	42	46	54	77	94	188
2 x 6	62	67	80	113	138	196
2 x 10	105	115	135	190	235	332
2 x 16	135	145	175	245	302	426
2 x 25	180	195	230	330	402	569
2 x 35	225	245	290	410	503	711
2 x 50	285	310	370	520	637	901
2 x 70	355	385	460	650	794	1122