



Tri-Rated Cable

Supplied in 100M reels

- Approval - CSA, UL B BS6231

Single core, flexible plain annealed copper wires, heat resistant PVC insulation
Maximum working temperature 105°C.

Technical Data

Cross Sectional Area mm ²	UL Style	No. & Size of Wires mm	AWG	Nominal O/D mm	Max. Current Rating	Approx. Weight (kg/km)
0.50	1015	16/0.20	22	2.70	11	13
0.75	1015	24/0.20	20	2.90	14	15
1.00	1015	32/0.20	18	3.10	17	19
1.50	1015	30/0.25	16	3.40	21	25
2.50	1015	50/0.25	14	3.80	30	35
4.00	1015	56/0.30	12	4.40	41	52
6.00	1015	64/0.30	10	5.10	53	76
10.00	1026	80/0.40	8	6.80	75	135
16.00	1283	126/0.40	6	9.20	100	213
25.00	1283	196/0.40	4	10.60	136	300

The current rating shown above are based on a single cable in free air, the maximum conductor temperature being 105°C and an ambient temperature of 45°C

Temperature De-Rating Factors

Ambient Temp.(°C)	50	55	60	65	70	75
Factor	0.97	0.90	0.82	0.75	0.63	0.52

Bunching De-Rating Factors

No. of Cores	2	3	4	5	6	8	10
Factor	0.80	0.70	0.65	0.60	0.56	0.50	0.46

To calculate the de-rated figure multiply the original current rating by the factor shown in the relevant table.

Tri-Rated Cable ordering chart

Complete the part number by following these two easy steps:-

Select **Cable Size** ¹ ie **1.5**
Colour ² ie **Black**

The resulting part number would be :- **TW115BLACK** for Draka Cable

For the Mayflex cable add suffix - **MAY** ie. **TW115BLACK-MAY**

Cable Size mm	Part No. Completion										Insert Colour		
	Red	Black	Blue	Yellow	Earth	Grey	Green	White	Orange	Brown		Pink	Violet
0.5													TR0.5
0.75													TR0.75
1.0													TR1.0
1.5													TR1.5
2.5													TR2.5
4.0													TR4.0
6.0													TR6.0
10.0													TR10.0
16.0													TR16.0
25.0													TR25.0
35.0													TR35.0
50.0													TR50.0
70.0													TR70.0
95.0													TR95.0
120.0													TR120.0

Prices not shown due to fluctuating prices in the Copper market please call your local sales office for up to date prices.

Part No. Completion
When ordering complete the Part No. by adding the following:-

Colour	Part No.
	Red
	Black
	Blue
	Yellow
	Earth
	Grey
	Green
	White
	Orange
	Brown
	Pink
	Violet