



## Tri-Rated Cable

**Product Type:**  
Flexible Cable

**Application:**

Combining compliance with three National standards into one cable provides a single cable that meets North American and European specifications, thus simplifying procurement and reducing stock holding. Tri-Rated cable has been designed for the purpose of control and instrumentation panel interconnections.

**Standards:**

UL Style 1015;  
CSA Type TEW;  
BS6231, Type CK  
Flame Propagation: meets requirements of BS EN 60332-1; UL VW-1; CSA FT-1.  
REACH and RoHS Compliant

**Construction:**

Conductor:	Plain Annealed Copper to: <ul style="list-style-type: none"> <li>• EN60228 Class 5;</li> <li>• UL Subject 758</li> <li>• CSA Standard C22.2 No.127.</li> </ul>
Insulation:	PVC compound meeting the requirements of: <ul style="list-style-type: none"> <li>• Type TI3 to EN50363</li> <li>• Class 43 PVC to UL Subject 1581</li> <li>• Class 28 to CSA Standard C22.2 No.127</li> </ul>

**Electrical Characteristics:**

Rated Voltage	600/1000V
Maximum Temperature (BS 6231)	90°C
Maximum Temperature Rating (UL/CSA)	105°C

**Physical Characteristics:**

Conductor Size (mm <sup>2</sup> )	Max. Conductor DC Resistance at 20°C (Ω/Km)	Minimum insulation resistance at 90°C (MΩ.Km)	Nom Overall Diameter (mm)	Approx Weight (Kg/Km)
0.5	39	0.0161	2.7	10
0.75	26	0.0141	2.9	13
1.0	19.5	0.0128	3.0	16
1.5	13.3	0.0111	3.3	21
2.5	7.98	0.0094	3.8	31
4.0	4.95	0.0077	4.4	49
6.0	3.30	0.0059	5.3	73
10.0	1.91	0.0058	6.9	128
16.0	1.21	0.0048	9.0	201
25.0	0.78	0.0047	10.6	290
35.0	0.554	0.0040	11.9	392
50.0	0.386	0.0039	14.1	553
70.0	0.272	0.0033	16.3	776