

Flexible Tri-Rated Switchboard & Panel Cable

0.6/1kV 105°C lead -free PVC Flame Retardant,
Water, Oil, UV & Ozone Resistant

Flexible, Flame Retardant, 105°C Tri-rated Cable (UL 758, BS 6231, CSA C22.2) with Class 6* Flexible Conductor for Wiring of Switchgear, Controls, Instrumentation & Electronic Equipment

- Panel Wiring
- Switchgear & Controls
- Instrumentation

Conductor

Fine stranded flexible Class 6* copper to IEC 60228 & AS/NZS 1125.

Insulation

V-105 lead-free PVC, Flame retardant, Water, Oil, UV & Ozone Resistant

Voltage Rating

0.6/1kV AC

Operating Temperature

-25°C to +105°C

Standards

IEC 60228, IEC 60502-1, IEC 60332-1, IEC 60332-3-22 CAT A, AS/NZS 1125, AS/NZS 5000.1, AS/NZS 3808, AS/NZS 3008.1, CSA C22.2, UL 83, UL 1581, UL 758, BS 6231

Available Colours



Images shown are for illustration purposes only

Number of Conductors	Cross-sectional Area (mm ²)	Product Code	No. of Strands / Strand Diameter (mm)	Approx. Conductor Diameter (mm)	Approx. Overall Diameter (mm)	Minimum Bending Radius (mm)	Approx. Weight (kg/km)	Maximum DC Resistance @ 20°C (Ω/km)	Current Rating (Ambient 30°C) (Amps)
1C	0.5	JD0.5	16 / 0.2	0.9	2.5	10	11	39	11.5
1C	0.75	JD0.75	24 / 0.2	1.1	2.7	11	14	26	16
1C	1	JD1	32 / 0.2	1.3	2.9	11	17	19.5	19
1C	1.5	JD1.5	46 / 0.2	1.5	3.2	13	22	13.3	24
1C	2.5	JD2.5	78 / 0.2	2	3.7	14	33	7.98	32
1C	4	JD4	127 / 0.2	2.4	4.5	18	49	4.95	43
1C	6	JD6	190 / 0.2	3	5.1	20	68	3.3	56
1C	10	JD10	318 / 0.2	3.9	6.1	24	108	1.91	79
1C	16	JD16	504 / 0.2	4.9	7.1	28	162	1.21	105
1C	25	JD25	770 / 0.2	6.1	8.7	34	247	0.78	141
1C	35	JD35	1083 / 0.2	7.3	9.9	39	343	0.554	178
1C	50	JD50	1558 / 0.2	8.8	11.9	47	495	0.386	217
1C	70	JD70	2204 / 0.2	10.4	13.5	53	667	0.272	276
1C	95	JD95	2983 / 0.2	12.1	15.7	61	889	0.206	337
1C	120	JD120	3810 / 0.2	13.6	17.3	67	1108	0.161	400
1C	150	JD150	4773 / 0.2	15.5	19.6	77	1432	0.129	525
1C	185	JD185	5881 / 0.2	17.1	21.7	85	1732	0.106	600
1C	240	JD240	7630 / 0.2	19.5	24.4	95	2198	0.0801	725
1C	300	JD300	4196 / 0.3	22	27.5	107	2774	0.0641	840

* 0.5mm² - 4mm² Class 5 conductor, 6mm² - 300mm² Class 6 conductor

