

Crystal Clear Technical Data Sheet



Rated voltage	Temperature range (fixed installation)	Test voltage	Bending radius
300/300Vac	-20°C to +70°C	2000v	≥10 x OD

Conductor:	Flexible electrolytic tinned copper conforming to IEC 60228
Insulation:	Transparent TI2 PVC conforming to EN 50363-3
Outer sheath:	Transparent TM2 PVC conforming to EN 50363-4-1
Core Identification:	3 or more cores contain a coextruded coloured line for identification 2 Core: Transparent, Transparent 3 Core: Transparent, Transparent, Transparent with green stripe 4 Core: Brown, Blue, Green, White 5 Core: Brown, Blue, Green, White, Red 7 Core: Brown, Blue, Green, White, Red, Black, Yellow
Application:	Suitable for fixed installation in electronic equipment and lighting applications

Size conductor (mm)	Conductor stranding (No x mm)	Electrical resistance (Ω/km)	Diameter of insulation (mm)	Radial thickness of insulation (mm)
0.5	19 x 0.180	≤40.1	1.85±0.1	≥0.45
0.75	19 x 0.224	≤26.7	1.95±0.1	≥0.50
1	19 x 0.254	≤20	2.2±0.1	≥0.50
1.5	19 x 0.32	≤13.7	2.7±0.1	≥0.50
2.5	19 x 0.41	≤7.98	3.4±0.1	≥0.70

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Size conductor (mm)	Outer diameter (mm)	Thickness of jacket (mm)
2 x 0.5	4.9±0.2	≥0.50
3 x 0.5	5.1±0.2	≥0.50
4 x 0.5	5.8±0.2	≥0.60
5 x 0.5	6.4±0.2	≥0.70
6 x 0.5	7.1±0.2	≥0.70
7 x 0.5	7.1±0.2	≥0.70
2 x 0.75	5.5±0.2	≥0.70
3 x 0.75	5.5±0.2	≥0.70
4 x 0.75	6.2±0.2	≥0.80
5 x 0.75	7.1±0.2	≥0.90
6 x 0.75	7.6±0.2	≥0.90
7 x 0.75	7.6±0.2	≥0.90
2 x 1	5.7±0.2	≥0.60
3 x 1	6.0±0.2	≥0.60
4 x 1	7.2±0.2	≥0.90
5 x 1	7.8±0.2	≥0.90
6 x 1	8.4±0.2	≥0.90
7 x 1	8.4±0.2	≥0.90
2 x 1.5	7.3±0.2	≥0.90
3 x 1.5	7.9±0.2	≥1.0
4 x 1.5	8.6±0.2	≥1.0
5 x 1.5	9.4±0.2	≥1.0
6 x 1.5	10±0.3	≥1.0
7 x 1.5	10±0.3	≥1.0
2 x 2.5	8.8±0.2	≥1.0
3 x 2.5	9.4±0.2	≥1.0
4 x 2.5	10.2±0.3	≥1.0
5 x 2.5	11.2±0.3	≥1.0
6 x 2.5	12.2±0.3	≥1.0
7 x 2.5	12.2±0.3	≥1.0