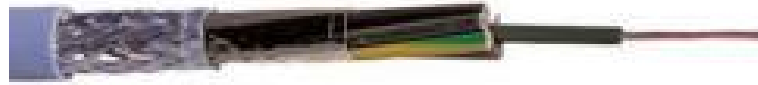


Product Specifications



CY-JZ control cable

Standards

Generally to EN 50525-2-11, VDE 0250

Flame retardant test to IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2

Flame Propagation test to IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-3-24

Description

CY-JZ is an oil-resistant PVC power and control cable with a tinned copper wire braid. Suitable for fixed or flexible applications. Commonly used as a measuring, regulating and control cable used in machine tool, plant engineering and construction, conveying and transport systems, assembly and production lines, air conditioning, ventilation systems and paint-spray lines. Designed for free and unrestricted movements without exposure to tensile loads. The tinned copper braid provides interference-free data and signal transmissions and greater electromagnetic protection from electrical drives and frequency converters. Outdoor use is not permitted

Product Specifications



Applications

For use as a data cable in control circuits, in tool-making and machine industries as well as a signal cable in computer systems and electronics. The more usual PVC inner sheath has been replaced in these cables by a stabilising foil separator, thus reducing the total diameter of the cables considerably and thereby reducing the bending radius, total weight etc. The high covering percentage of the copper screening offers interference-free signal transfer etc. The dense screening assures disturbance-free transmission of all signals and impulses. An ideal disturbance-free control cable for the above application

Specification

Conductor	Class 5 plain annealed copper to EN 60228, IEC 60228, DIN VDE 0295
Insulation	PVC compound
Sheath	PVC grey compound, also available in LSF and LSOH
Bedding	Polyester binder tape
Braid	Electrolytic tinned copper wire braid
Colour code	2 core: Black, with White printed numbers 3core plus: Black with White printed numbers and G/Y earth core
Rated Voltage	Nominal: 300/500V Test: 2000V
Temperature Range	-15 to +70°C
Min. Bending Radius. (flexible)	7.5 x cable OD



Product Specifications

Data Sheet

Size (mm)	Overall Diameter (mm)	Approximate weigh (Kg/km)
2x0.75	5.7 ± 1.0	47
3x0.75	6.0 ± 1.0	57
4x0.75	6.7 ± 1.0	73
5x0.75	7.2 ± 1.0	86
7x0.75	7.8 ± 1.0	109
2x1.0	6.1 ± 1.0	56
3x1.0	6.7 ± 1.0	71
4x1.0	7.2 ± 1.0	88
5x1.0	7.8 ± 1.0	106
7x1.0	8.6 ± 1.0	135
2x1.5	6.7 ± 1.0	70
3x1.5	7.0 ± 1.0	85
4x1.5	7.6±1.0	104
5x1.5	7.8±1.0	106
7x1.5	9.2±1.0	166
2x2.5	8.3±1.0	105
3x2.5	8.8±1.0	132
4x2.5	9.5±1.0	164
5x2.5	10.6±1.0	206
7x2.5	11.6±1.0	269
3x4	10.0±1.0	181
4x4	10.7±1.0	226
5x4	12.2±1.0	289