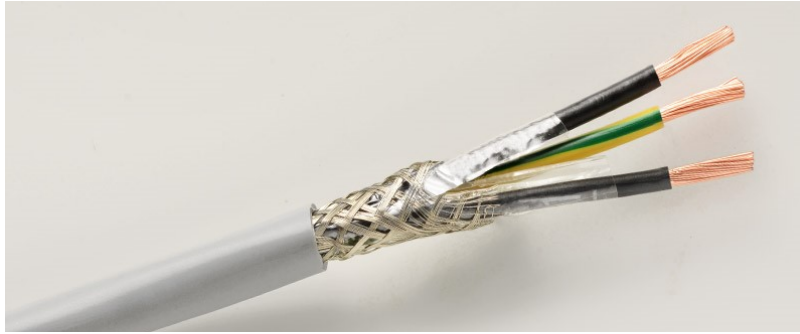


CY Technical Data Sheet



Temperature range (fixed installation)	Min. bending radius	Test voltage	Operating voltage
-30°C to +70°C	7.5 x OD	2000V	300/500V

Conductors:	Class 5, stranded electrolytic copper to BS EN 60228:2005
Insulation:	PVC (Polyvinyl Chloride)
Colour code:	OZ - Black numbered cores without Green/Yellow JZ - Black numbered cores with 1 Green/Yellow <u>OB/JB</u> 2 Core - Brown & Brown 3 Core - Brown, Blue & Green/Yellow 4 Core - Brown, Grey, Black & Green/Yellow 5 Core - Brown, Blue, Grey, Black & Green/Yellow
Stranding:	In layers of optimum pitch
Wrapping:	PES Tape
Screen:	Tinned copper wire braid
Sheath:	PVC (Polyvinyl Chloride), Grey
Standards:	Flame retardant to IEC 60332-1-2
Application:	Suitable for installation where electro-magnetic interference and influence exists -Instrumentation and control engineering -Industrial electronics -Computers and office machines -Indoor communication systems -Indoor sound systems -Security systems

CY Technical Data Sheet

Electrical specification

<u>Conductor cross-section:</u> (nom.mm)	0.5	0.75	1	1.5	2.5
<u>Conductor resistance:</u> (max Ω /km)	39	26	19.5	13.3	7.98
<u>1kv min. insulation resistance test:</u> (m Ω /km)	20				

Cross section (mm)	Outer diameter (mm \pm 5%)	Weight (kg/km)
2 x 0.5	5.50	38.73
2 x 0.75	5.90	46.04
3 x 0.75	6.20	57.14
4 x 0.75	6.70	69.20
5 x 0.75	7.30	84.12
2 x 1.0	6.30	53.02
3 x 1.0	6.60	66.39
4 x 1.0	7.10	80.86
5 x 1.0	7.70	98.58
2 x 1.5	6.70	64.13
3 x 1.5	7.10	82.35
4 x 1.5	7.70	102.01
5 x 1.5	8.60	129.38
3 x 2.5	8.40	122.11
4 x 2.5	9.10	152.21
5 x 2.5	10	188.37