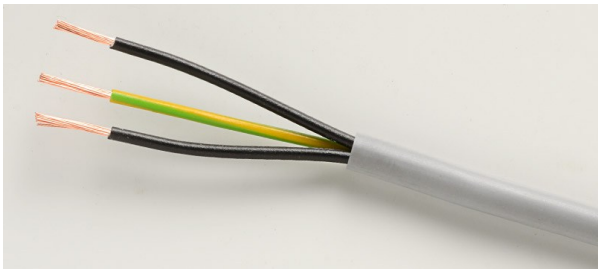
YY JB/JZ Technical Data Sheet



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

Conductor:	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 OB/JB 2 Core - Brown & Blue 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
Sheath:	PVC (Polyvinyl Chloride), Grey
Standards:	Flame retardant according to IEC 60332-1-2
Application:	Suitable for installation in places where low mechanical stress exists. -Instrumentation and control engineering. -Industrial electronics. -In machine production as measurement and control cable. -Production and assembly lines. -Dry, moist and wet places.

Electrical specification:

Nom. conductor cross-section (mm)	0.5	0.75	1.0	1.5	2.5
Max. conductor resistance (Ω/km)	39	26	19.5	13.3	7.98
1kv min. insulation resistance test (mΩ/km)	20				

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Revised - 04/12/2024 - **U**

GOLDWING
CABLING FOR INDUSTRY

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Size (mm)	Outer diameter (mm±%5)	Approx. weight (kg/km)
2 x 0.5	5.00	38
3 x 0.5	5.30	39
4 x 0.5	5.80	47
5 x 0.5	6.30	58
7 x 0.5	6.70	71
12 x 0.5	8.90	118
2 x 0.75	5.40	47
3 x 0.75	5.70	48
4 x 0.75	6.20	59
5 x 0.75	6.80	73
7 x 0.75	7.50	95
12 x 0.75	10.00	158
18 x 0.75	11.50	225
2 x 1	5.80	54
3 x 1	6.10	57
4 x 1	6.60	70
5 x 1	7.40	91
7 x 1	8.00	114
12 x 1	10.60	189
18 x 1	12.50	279
2 x 1.5	6.20	68
3 x 1.5	6.60	72
4 x 1.5	7.40	94
5 x 1.5	8.10	116
7 x 1.5	8.70	148
12 x 1.5	11.60	246
18 x 1.5	13.70	365

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Size (mm)	Outer diameter (mm±%5)	Approx. weight (kg/km)
2 x 2.5	7.40	101
3 x 2.5	7.90	110
4 x 2.5	8.60	139
5 x 2.5	9.50	173
7 x 2.5	10.40	228
12 x 2.5	13.90	381
18 x 2.5	16.40	567
2 x 4	8.60	144
3 x 4	9.20	157
4 x 4	10.30	206
5 x 4	11.30	257
7 x 4	12.40	340
2 x 6	10.50	214
3 x 6	11.20	232
4 x 6	12.50	303
5 x 6	13.80	382
7 x 6	15.20	505
3 x 10	13.90	375
4 x 10	15.50	492
5 x 10	17.30	629
3 x 16	16.20	551
4 x 16	18.10	733
5 x 16	20.30	926

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