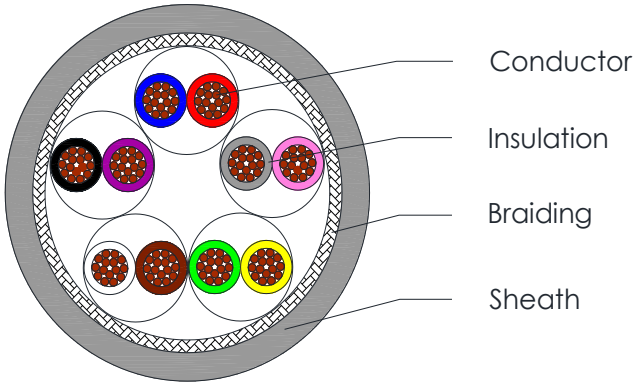
LIYCY (TP) Cable
0.14mm² to 1.0mm²
PVC Sheath

C2914 TO C2950

Applications

Can be used multifunctional in electronics of computer systems, electronic control equipment, office machines, balances, etc. Dry or damp rooms

Cross Section Drawing



Design

Unit	Properties
Conductor	Stranded bare copper wire
Insulation	FR-PVC
Pair	Two wires twisted together
Braiding	Tinned copper wire
Outer Sheath Material	FR-PVC Standard Colour: Grey
Standard Put Up Length	305m

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

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Electrical Characteristics at 20°C

Mutual Capacitance core to core (nF/km)	Mutual Capacitance core to rest (nF/km)	Inductivity (mH/km)	Min. Bending Radius		Special Insulation Resistance (G.Ohm*cm)
			For Flexible use	Fixed Installation	
120	160	0.50	15*OD	6*OD	>20

Test Voltage (V)		Peak Operating Voltage (V)		Temperature range (℃)	
At 0.14mm²	＞0.14mm²	At 0.14mm²	At ≥ 0.25mm²	Fixed Installation	Occasional flexing
1200	1500	350	500	-40 to +80	-5 to +70

Color Scheme

Pair No.	Color	Pair No.	Color
1	White + Brown	14	Gray/green + Yellow/gray
2	Green + Yellow	15	Pink/green + Yellow/pink
3	Gray + Pink	16	Green/blue + Yellow/blue
4	Blue + Red	17	Green/red + Yellow/red
5	Black + Purple	18	Green/black + Yellow/black
6	Gray/pink + Red/blue	19	Gray/blue + Pink/blue
7	White/green + Brown/green	20	Gray/red + Pink/red
8	White/yellow + Yellow/brown	21	Gray/black + Pink/black
9	White/grey + Gray/brown	22	Blue/black + Red/black
10	White/pink + Pink/brown	23	White + Brown
11	White/blue + Brown/blue	24	Green + Yellow
12	White/red + Brown/red	25	Gray + Pink
13	White/black + Brown/black		

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Constructional Information

0.14mm2

P/N	Cross Sectional Area (mm2)	Overall Diameter (mm)	Copper Index (kg/km)	Nom. Weight (kg/km)
C2914	2×2×0.14	5.70	18.5	39
C2915	3×2×0.14	5.80	23.0	48
C2916	4×2×0.14	6.20	26.6	54
C2917	6×2×0.14	7.10	48.5	85
C2918	8×2×0.14	8.20	53.7	97
C2919	10×2×0.14	8.70	59.0	110
C2920	12×2×0.14	8.90	66.0	142
C2921	16×2×0.14	10.20	79.0	154
C2922	20×2×0.14	11.30	97.0	184
C2923	25×2×0.14	12.50	113.0	238

0.25mm2

P/N	Cross Sectional Area (mm2)	Overall Diameter (mm)	Copper Index (kg/km)	Nom. Weight (kg/km)
C2924	2×2×0.25	6.3	28.0	54
C2925	3×2×0.25	7.1	39.6	68
C2926	4×2×0.25	7.6	44.9	81
C2927	6×2×0.25	8.5	69.5	115
C2928	8×2×0.25	10.3	76.9	130
C2929	10×2×0.25	11.0	102.0	158
C2930	12×2×0.25	11.3	120.0	190
C2931	16×2×0.25	12.5	146.5	238
C2932	25×2×0.25	16.1	205.0	344

0.50mm2

P/N	Cross Sectional Area (mm2)	Overall Diameter (mm)	Copper Index (kg/km)	Nom. Weight (kg/km)
C2933	2×2×0.50	8.2	48.1	93
C2934	3×2×0.50	8.7	73.7	129
C2935	4×2×0.50	9.4	82.0	146
C2936	6×2×0.50	11.1	110.0	198
C2937	8×2×0.50	13.1	139.0	259
C2938	12×2×0.50	14.9	198.3	354
C2939	16×2×0.50	16.5	240.0	459

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0.75mm2

P/N	Cross Sectional Area (mm2)	Overall Diameter (mm)	Copper Index (kg/km)	Nom. Weight (kg/km)
C2940	2×2×0.75	8.5	58.0	106
C2941	3×2×0.75	9.4	84.0	140
C2942	4×2×0.75	10.7	108.0	179
C2943	5×2×0.75	11.1	126.0	215
C2944	6×2×0.75	12.1	146.0	246
C2945	8×2×0.75	14.7	180.0	305
C2946	12×2×0.75	16.2	261.0	456

1.00mm2

P/N	Cross Sectional Area (mm2)	Overall Diameter (mm)	Copper Index (kg/km)	Nom. Weight (kg/km)
C2947	2×2×1.00	9.0	84.0	142
C2948	3×2×1.00	10.4	96.0	173
C2949	4×2×1.00	11.3	121.0	212
C2950	5×2×1.00	11.8	161.0	266

Reference Standards

IEC 60228	DIN 47100
EN 50290-2	IEC60332-1
RoHS directives	