

LIYCY Cable
0.14mm² to 1.5mm²
PVC Sheath

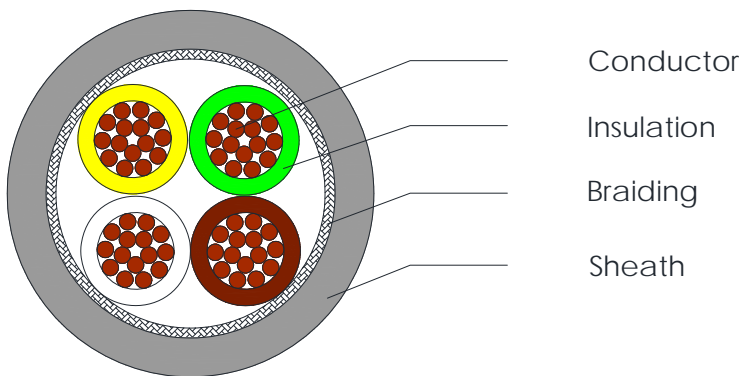


C4713 TO C4759

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 Insulation color according to DIN47100 |
| Cabling | Cores cabled 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 | | Temperature range (°C) | |
|---|---|---------------------|---------------------|--------------------|------------------------|--------------------|
| | | | For Flexible use | Fixed Installation | Fixed Installation | Occasional flexing |
| 120 | 160 | 0.65 | 15*OD | 6*OD | -40 to +80 | -5 to +70 |

Constructional Information

0.14mm²

| P/N | Cross Sectional Area (mm ²) | Overall Diameter (mm) | Copper Index (kg/km) | Nom. Weight (kg/km) |
|-------|---|-----------------------|----------------------|---------------------|
| C4713 | 2×0.14 | 3.90 | 12.0 | 20 |
| C4714 | 3×0.14 | 4.10 | 13.0 | 28 |
| C4715 | 4×0.14 | 4.30 | 14.3 | 33 |
| C4716 | 6×0.14 | 4.90 | 18.2 | 38 |
| C4717 | 8×0.14 | 5.80 | 21.2 | 56 |
| C4718 | 10×0.14 | 6.10 | 28.5 | 66 |
| C4719 | 12×0.14 | 6.30 | 30.4 | 78 |
| C4720 | 16×0.14 | 7.00 | 43.0 | 90 |
| C4721 | 20×0.14 | 7.70 | 53.9 | 100 |
| C4722 | 25×0.14 | 8.50 | 63.0 | 120 |

0.25mm²

| P/N | Cross Sectional Area (mm ²) | Overall Diameter (mm) | Copper Index (kg/km) | Nom. Weight (kg/km) |
|-------|---|-----------------------|----------------------|---------------------|
| C4723 | 2×0.25 | 4.5 | 16 | 32 |
| C4724 | 3×0.25 | 4.7 | 21 | 37 |
| C4725 | 4×0.25 | 5.0 | 24 | 41.3 |
| C4726 | 6×0.25 | 6.0 | 30 | 58 |
| C4727 | 8×0.25 | 7.1 | 42 | 73 |
| C4728 | 10×0.25 | 7.5 | 46 | 82 |
| C4729 | 12×0.25 | 7.7 | 53 | 98 |
| C4730 | 16×0.25 | 8.4 | 61 | 111 |
| C4731 | 25×0.25 | 10.7 | 114 | 172 |

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0.50mm²

| P/N | Cross Sectional Area (mm ²) | Overall Diameter (mm) | Copper Index (kg/km) | Nom. Weight (kg/km) |
|-------|---|-----------------------|----------------------|---------------------|
| C4732 | 2×0.50 | 5.6 | 29 | 47 |
| C4733 | 3×0.50 | 5.9 | 38 | 55 |
| C4734 | 4×0.50 | 6.3 | 43 | 70 |
| C4735 | 6×0.50 | 7.6 | 59 | 104 |
| C4736 | 8×0.50 | 8.7 | 70 | 120 |
| C4737 | 12×0.50 | 9.6 | 99 | 177 |
| C4738 | 20×0.50 | 12.1 | 149 | 276 |

0.75mm²

| P/N | Cross Sectional Area (mm ²) | Overall Diameter (mm) | Copper Index (kg/km) | Nom. Weight (kg/km) |
|-------|---|-----------------------|----------------------|---------------------|
| C4739 | 2×0.75 | 6.0 | 38 | 53 |
| C4740 | 3×0.75 | 6.3 | 49 | 65 |
| C4741 | 4×0.75 | 7.0 | 58 | 79 |
| C4742 | 5×0.75 | 7.6 | 67 | 109 |
| C4743 | 10×0.75 | 10.5 | 130 | 187 |
| C4744 | 12×0.75 | 10.8 | 154 | 218 |
| C4745 | 18×0.75 | 13.0 | 195 | 327 |

1.00mm²

| P/N | Cross Sectional Area (mm ²) | Overall Diameter (mm) | Copper Index (kg/km) | Nom. Weight (kg/km) |
|-------|---|-----------------------|----------------------|---------------------|
| C4745 | 2×1.00 | 6.3 | 43 | 72 |
| C4746 | 3×1.00 | 6.8 | 56 | 90 |
| C4747 | 4×1.00 | 7.3 | 68 | 109 |
| C4748 | 5×1.00 | 8.0 | 79 | 126 |
| C4749 | 10×1.00 | 11.1 | 140 | 228 |
| C4750 | 12×1.00 | 11.4 | 168 | 259 |
| C4751 | 18×1.00 | 13.4 | 252 | 389 |

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1.50mm²

| P/N | Cross Sectional Area (mm ²) | Overall Diameter (mm) | Copper Index (kg/km) | Nom. Weight (kg/km) |
|-------|---|-----------------------|----------------------|---------------------|
| C4753 | 2×1.50 | 7.1 | 58 | 90 |
| C4754 | 3×1.50 | 7.5 | 74 | 115 |
| C4755 | 4×1.50 | 8.1 | 108 | 129 |
| C4756 | 7×1.50 | 9.5 | 164 | 220 |
| C4757 | 12×1.50 | 12.7 | 254 | 376 |
| C4758 | 16×1.50 | 14.4 | 339 | 501 |
| C4759 | 47×1.50 | 25.2 | 995 | 1472 |

Reference Standards

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