

# DATA CONNECTORS AND CABLES

## Cable Series

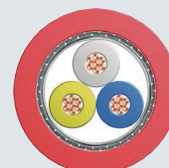
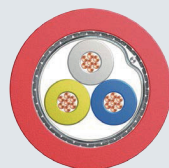
CC-Link



Three wires are twisted together



Three wires are twisted together



### Technical parameters

|                                            | red PVC 3x20AWG/7<br>CC-Link                                          | red TPU 3x20AWG/71<br>CC-Link                  |
|--------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|
| Transmission characteristics (category)    |                                                                       |                                                |
| Sheath                                     |                                                                       |                                                |
| Outer sheath, material                     | Polyvinyl chloride (PVC)                                              | Thermoplastic polyurethane (TPU)               |
| Outer sheath, color                        | red                                                                   | red                                            |
| Cable diameter D                           | 7.7mm ±0.3 mm(0.303±0.012 in)                                         | 8.5mm ±0.3 mm(0.335±0.012 in)                  |
| Application                                |                                                                       |                                                |
| Cable structure                            | 3x20AWG/7                                                             | 3x20AWG/71                                     |
| Installation type                          | Flexible installation                                                 | Drag cable                                     |
| AWG, signal line                           | 20                                                                    | 20                                             |
| Advantage                                  |                                                                       | Easy to peel                                   |
| Cable length                               | 100M                                                                  | 100M                                           |
| Conductor                                  |                                                                       |                                                |
| Wire structure                             | 7x 0.32 mm(0.013 in)                                                  | 71x 0.1 mm                                     |
| Diameter of bare copper wire               | 0.96mm(0.038 in)                                                      | 1.0mm(0.039 in)                                |
| Wire material                              | Copper stranded wire                                                  | Copper stranded wire                           |
| Wire insulation material                   | Foamed PE with outer insulation                                       | Foamed PE with outer insulation                |
| Core diameter (including insulation layer) | 2.2mm(0.087 in)                                                       | 2.2mm(0.087 in)                                |
| Core wire                                  |                                                                       |                                                |
| Digit number                               | 3                                                                     | 3                                              |
| Main twisted pair                          | Three wires are twisted together                                      | Three wires are twisted together               |
| Wire color                                 |                                                                       |                                                |
| Inner sheath material                      |                                                                       |                                                |
| Shielding layer                            |                                                                       |                                                |
| Block                                      | Aluminum foil coating, tin-plated copper wire braided shielding layer | Tin-plated copper wire braided shielding layer |
| Thickness                                  | 0.13mm(0.005 in)                                                      | 5.9mm(0.232 in)                                |
| Characteristics                            |                                                                       |                                                |
| Flame retardant                            |                                                                       |                                                |
| Oil resistance                             |                                                                       |                                                |
| Cold-resistant bending                     |                                                                       |                                                |
| UV-resistant                               |                                                                       |                                                |
| Halogen-free                               |                                                                       |                                                |

### Order data

|              | Model             | Order Number | Model             | Order Number |
|--------------|-------------------|--------------|-------------------|--------------|
| 100m         | CC-8BC-PCOE/L0100 | 1323320100   | CC-8BC-PTOE/L0100 | 1323330100   |
| Customizable | CC-8BC-PCOE/L0000 | 1323320000   | CC-8BC-PTOE/L0000 | 1323330000   |



CC-Link



Three sets of wires, two conductors



Technical parameters

|                                            |                                                       |
|--------------------------------------------|-------------------------------------------------------|
| Transmission characteristics (category)    | red PVC 3x20AWG/67和2x18AWG/67<br>CC-Link              |
| Sheath                                     |                                                       |
| Outer sheath, material                     | Polyvinyl chloride(PVC)                               |
| Outer sheath, color                        | red                                                   |
| Cable diameter D                           | 12.8mm ±0.3 mm(0.504±0.012 in)                        |
| Application                                |                                                       |
| Cable structure                            | 3x20AWG/67 和 2x18AWG/67                               |
| Installation type                          | Flexible installation                                 |
| AWG, signal line                           | 20                                                    |
| Advantage                                  | PLTC,Power-limited cable tray                         |
| Cable length                               | 100M                                                  |
| Conductor                                  |                                                       |
| Wire structure                             | 7x 0.4 mm(0.016 in)/7x 0.32 mm                        |
| Diameter of bare copper wire               | 1.21mm(0.048 in)/0.96mm(0.038 in)                     |
| Wire material                              | Copper stranded wire                                  |
| Wire insulation material                   | PVC insulation layer/foamed PE                        |
| Core diameter (including insulation layer) | 2.3mm(0.091 in)/2.2mm(0.087 in)                       |
| Core wire                                  |                                                       |
| Digit number                               | 4                                                     |
| Main twisted pair                          | Three sets of wires, two conductors                   |
| Wire color                                 |                                                       |
| Inner sheath material                      | PVC                                                   |
| Shielding layer                            | Aluminum foil coating, tin-plated copper wire braided |
| Block                                      | shielding layer                                       |
| Thickness                                  | 0.13mm(0.005 in)                                      |
| Characteristics                            |                                                       |
| Flame retardant                            |                                                       |
| Oil resistance                             |                                                       |
| Cold-resistant bending                     |                                                       |
| UV-resistant                               |                                                       |
| Halogen-free                               |                                                       |

Order data

|              | Model             | Order Number |
|--------------|-------------------|--------------|
| 100m         | CC-8BC-PDOE/L0100 | 1323340100   |
| Customizable | CC-8BC-PDOE/L0000 | 1323340000   |

