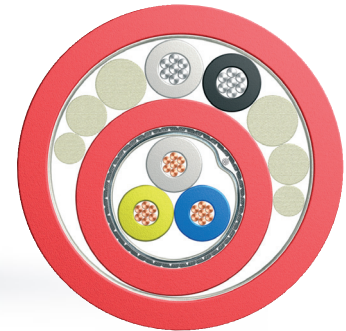
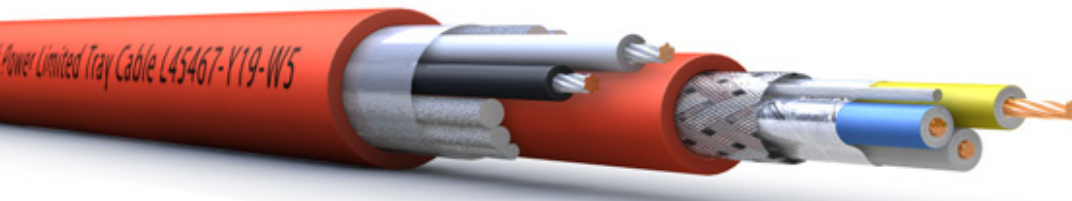


# CC-LINK Power Limited Tray Cable



L45467-Y19-W5

| Application  | Cable Construction                     |   |                 |
|--|--|---|-----------------|
| CC-Link power limited tray cable, compliant with CC-Link specification 1.10, capable of 10 Mbps operation<br>3x1x0.96 mm <sup>2</sup><br>2x1x0.9 mm <sup>2</sup> | <b>A) Wire LIY 0.9/2.3</b>             |   |                 |
|  | Conductor                              | Stranded tinned Copper Wire, 7x0.4                    | Ø 1.21 mm       |
|  | Insulation                             | Polyvinylchloride (PVC), 0.54mm wall thickness        | Ø 2.30 mm       |
|  | <b>B) Triple LI02YS(ST)CY 3x1x0.96</b> |   |                 |
|  | Conductor                              | Stranded Bare Copper Wire, 7x0.32                     | Ø 0.96 mm       |
|  | Insulation                             | Foamed Polyethylene (PE) with skin                    | Ø 2.20 mm       |
|  | Colour Code                            | WH-BU-YW, Plastic tape overlapped                     |                 |
|  | Screen                                 | -Longitudinal Alumininate foil                        | 100% coverage   |
|  | Drain Wire                             | Stranded tinned copper 0.38mm <sup>2</sup> (AWG22/19) |                 |
|  | Shield                                 | -Tinned copper wire braid, 0.13mm                     | 80% coverage    |
|  | Outer Jacket                           | Polyvinylchloride (PVC), 1.1mm wall thickness         | Ø 7.7 ± 0.3 mm  |
|  | <b>Core</b>                            |   |                 |
|  | Triple                                 | to B) Triple LI02YS(ST)CY 3x1x0.96                    |                 |
|  | 2 wires                                | to A) Wire LIY 0.9/2.3                                |                 |
|  | Fillers                                |   |                 |
|  | Tape                                   | Plastic tape overlapped                               |                 |
|  | Outer Jacket                           | Polyvinylchloride (PVC), 1.35mm wall thickness        | Ø 12.8 ± 0.3 mm |
| <b>Electrical Data</b>   |  |   |                 |
|  | A) Wire LIY 0.9/2.3                    | B) Triple LI02YS(ST)CY 3x1x0.96                       |                 |
| Conductor resistance   | ≤ 24 Ω/km                              | ≤ 37.8 Ω/km   |                 |
| Insulation resistance  | ≥ 20 MΩ*km                             | ≥ 10 GΩ*km  |                 |
| Capacitance  | -                                      | ≤ 60 nF/km  |                 |
| Characteristic Impedance   | -                                      | 110 ± 15 Ω  |                 |
| Characteristic Impedance   | -                                      | 110 ± 6 Ω   |                 |
| Attenuation  | -                                      | ≤ 16 dB/km  |                 |
| Attenuation  | -                                      | ≤ 35 dB/km  |                 |
| Operating voltage (peak)   | ≤ 300 V                                | ≤ 300 V   |                 |
| Test voltage wire/wire/screen  | =2000 V rms 50Hz 1min.                 | = 2000 V rms 50Hz 1min                                |                 |