

LEONI Special Cables GmbH

CC-Link Communication Cable

LEONI Part Number: L45467-Y19-C15

Compliant with CC-Link Specification 1.10, Capable of 10 Mbps Operation

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Features

- Three twisted #20 (7×28) AWG Bare Copper Conductors with Foam High Density Polyethylene Insulation, Aluminum Foil - Polyester Tape (Beldfoil) Shield with 100% Shield Coverage plus Tinned Copper Braid Shield with about 80% Shield Coverage, 22 AWG (19×34) Tinned Copper Drain Wire, PVC - Polyvinyl Chloride Outer Jacket. Applicable Specifications: NEC Type CM

Electrical characteristics

Max. Operating Voltage	300 V RMS
Nominal Capacitance Between Conductors at 1KHz	≤18.3 PF/Ft.
Nominal Impedance at 1 MHz	110 OHMS
Nominal Conductor DC Resistance at 20 Deg. C	11 OHMS/1000 Ft
Nominal Attenuation at 1 MHz	0.49 DB/100 Ft.
Nominal Attenuation at 5 MHz	1.07 DB/100 Ft.
Insulation Resistance	10,000 M-OHMS/KM Minimum

Physical Characteristics

Temperature Rating	-40 to +70 Deg. C
Insulation Material	Foamed Polyethylene (PE)
Jacket Material & Colour	PVC (Red)
Type of Shield & % Coverage	Foil (100%) + Braid (80%)
Min. Bending Radius	65mm
Applicable Specifications	NEC Type CM
Flame Resistance	UL 1581 Vertical Tray
Nominal Diameter	7.7mm
Max. Pulling Tension	19kg.
Nominal Weight per 1000 ft.	26 kg.