

CoreSync

LED Cable Harnesses for PoE Gateways and Drivers



CoreSync LED Cable Harnesses provide seamless installation, maximum flexibility and robust connections

CoreSync LED Cable Harnesses connect a CoreSync PoE Gateway to a CoreSync Smart LED driver, providing low voltage power distribution and data communication necessary to control LED fixtures, sensors, and actuators. The Harness system also helps minimize the number of PoE ports by “daisy-chaining” from fixture to fixture. CoreSync LED Cable Harnesses are built around Molex’s rugged Micro-Fit 3.0 connector system and are available in a variety of lengths in 2 finished assembly styles: shrink tube or overmolded.



Features and Benefits

Micro-Fit 3.0 Connector System	Proven reliability, durability, ease of use
Available in overmold or shrink tube type	Efficiency and cost control
Variety of lengths	Flexibility in design and layout

Specifications

ELECTRICAL

Current: 5A per circuit, 20 AWG
 Voltage: 250VDC
 Resistance: 10 milliohms
 Insulation resistance: 1000 Megohm, min.
 UL, CSA IEC

MECHANICAL

Housing: Nylon
 Terminal: Copper alloy
 Wire: 20AWG UL 20327 HF
 Mate/Unmate: 8.0N max/ 2.4N min.
 Crimp terminal retention: 24.5N

ENVIRONMENTAL

Operating: -40 to +105°C Non-operating:
 -40 to +105°C
 Crimp terminal retention: 24.5N
 Thermal aging, humidity cold: 20
 Milliohms max.

Ordering Information

Description	Length (M)	Order Number
CoreSync Micro-Fit 3.0 LED Driver Harness, Shrink Tube	0.5	180777-0405
	1.0	180777-0410
	3.0	180777-0430
	5.0	180777-0450
CoreSync Micro-Fit 3.0 PoE Gateway Harness, Shrink Tube	0.5	180887-0405
	1.0	180887-0410
	3.0	180887-0430
	5.0	180887-0450
CoreSync Micro-Fit 3.0 LED Driver Harness, Overmolded	0.5	180778-0405
	1.0	180778-0410
	3.0	180778-0430
	5.0	180778-0450
CoreSync Micro-Fit 3.0 PoE Gateway Harness, Overmolded	0.5	180888-0405
	1.0	180888-0410
	3.0	180888-0430
	5.0	180888-0450

www.CoreSync.molex.com