

EXTreme Guardian Plug-Side Overmolded Cable Assemblies >

EXTreme Guardian plug-side overmolded cable assemblies, available in multiple circuit sizes and lengths, meet ever-expanding power requirements for a range of networking and datacom equipment while providing rugged strain relief at the connector and cable interface.



EXTreme Guardian Plug-Side Overmolded Cable Assemblies

FEATURES AND ADVANTAGES

Dependable strain relief

Decreases mechanical stress on wires and terminals

2- and 3-circuit options

Accommodate a broad range of design configurations

Polarized mating geometry and locking tang-on terminals

Help ensure secure retention and can help prevent accidental mis-mating

Available in multiple lengths

Optimizes design flexibility

Capable of carrying 55.0 to 60.0A of current

Supports numerous power applications; fully uninterruptible with Molex EXTreme Guardian system product range



MARKETS AND APPLICATIONS

Automotive

Electric vehicles

Aerospace and Defense

UPS (uninterruptible power supply)

Data Communication

High-end servers

Solar

Medical

Telecommunication

Cellular base station

Routers

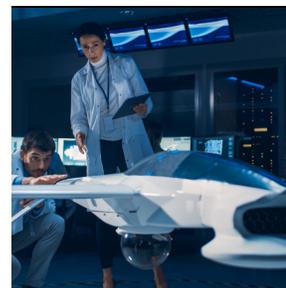
Hubs

Switches

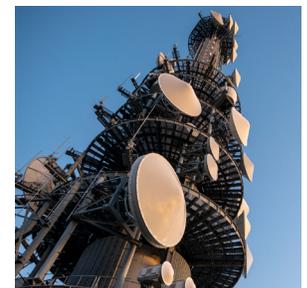
Servers



Automotive



Aerospace and Defense



Telecommunication

Note: Application recommendations are based on the connector specifications.

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SPECIFICATIONS

TWO-CIRCUIT GUARDIAN CABLE ASSEMBLY

Reference Information

Packaging:
See packaging drawing
Termination method: Soldering
Designed In: Millimeters
RoHS: Yes
Glow Wire Compliant: No

Electrical

Voltage (max.): 600V
Current (max.): 60.0A
Dielectric Withstanding Voltage:
2200V AC/1 minute between adjacent circuits

Physical

Housing: LCP
Contact: Copper alloy
Plating:
Contact Area—Gold Lengths: 500mm, 1.00M, 2.00M

THREE-CIRCUIT GUARDIAN CABLE ASSEMBLY

Reference Information

Packaging: See packaging drawing
Termination method: Soldering
Designed In: Millimeters
RoHS: Yes
Glow Wire Compliant: No

Electrical

Voltage (max.): 600V
Current (max.): 55.0A
Dielectric Withstanding Voltage:
2200V AC/1 minute between adjacent circuits

Physical

Housing: LCP
Contact: Copper alloy
Plating:
Contact Area—Gold Lengths: 500mm, 1.00M, 2.00M

*The specification given is based on the connector used.

ORDERING INFORMATION

Series	Component	UL	Wire Gauge	Circuits	Length
218055	EXTreme Guardian Plug-Side Overmolded Cable Assemblies	10669	6 AWG	2 and 3	500.00mm 1.00M 2.00M

www.molex.com/link/extremeguardian.html