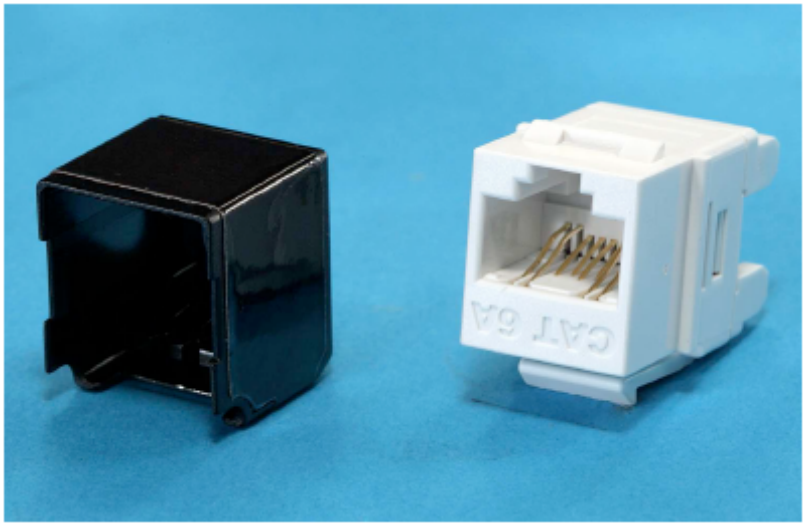
DME PROLINK

Part Number
D1010GUT-019WT

CAT6A 10G Snap-in Jack

APPLICATION

DME ProLink's Cat6A Connector is designed to be used with all DME ProLink QuickPort compatible products and provide the best connectivity of 10G. Where it meets and exceeds TIA/EIA-568-B.2-10 channel performance. The connectors include DME ProLink's patented "Retention Force Technology" (RFT) which promotes consistent performance over the life of the system. Includes unique pair separation towers allowing for quicker



STANDARDS COMPLIANCE

DME ProLink Cat6A system components meet or exceed the requirements for channel and component-level performance for TIA/EIA Category

PHYSICAL SPECIFICATIONS

Materials: Connector body is high-impact, fire-retardant plastic rated UL 94V-0. Spring wire contacts are Phosphor Bronze Alloy, plated with 50 micro-inches of Gold over 70 ~ 100 micro-inches of nickel for lowest contact resistance, maximum life. IDC Phosphor Bronze Alloy with 100 micro-inch Tin, Plated with 100% Tin. Mist.

DESIGN CONSIDERATIONS

- Use in any Snap-in / Quickport housing to support Category 6, 6A UTP connectivity in surface mount, flush mount, or modular furniture outlets and field configurable panels.
- Can be used in conjunction with other QuickPort snap-in modules for voice/data and video applications over UTP, coax and fiber.

Mechanical Features:

- Retention 50N (11 lbf) for 60s±5s insertion / extraction
- Life: 750 Cycles Minimum
- IDC Wire cage 22 ~ 24 AWG

TYPICAL SPECIFICATION

The modular connector shall meet or exceed the requirements for channel and component-level performance described in TIA/EIA-568-B.2-10 Category 6A standards. The modular connector shall be individual snap-in style. The connectors shall also be in compliance with all National Electrical Codes; compliant with FCC Part 68; UL listed; and independently verified. In addition to Category 6A compliance, the connector shall have the ability to support high megabit and shared-sheath applications. All plastics used in construction of the connector bodies shall be fire-retardant with a UL flammability rating of 94V-0. Termination of all connectors shall be 110-type insulation displacement connectors (IDC). The connector shall provide a ledge directly adjacent to the 110-style termination against which the wires can be directly terminated and cut in one action by the installation craftsperson. Connector wiring is universal and will accommodate installation color codes for T568A and T568B wires schemes. The termination field shall be in the rear for easy access. The modular connector shall fit all other installed telecommunications wall plates, outlets and field-configurable patch panels and patch blocks. Colors and configurations to be specified per schedule on plan.

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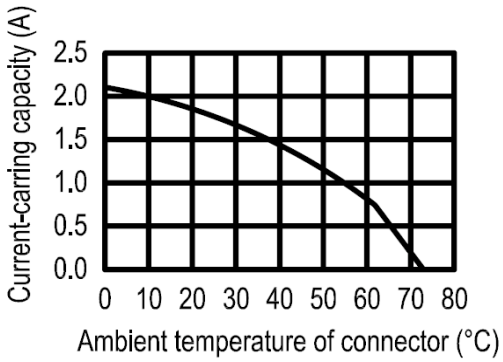
Electrical

Electrical Insulation Resistance: 500 MΩ
Min. @ 100V D.C.
Dielectric Withstanding Voltage: 100V D.C. or
A.C. Peak Contact to Contact @ 60Hz for 1 minute
Spring Wire Contact Resistance: 20mΩ Max.
DC contact Resistance: 2.5mΩ
Current Rating: As figure



Environmental Conditions:

Temperature Range
Storage -40 to +70° C
Operation -10 to +60° C
Relative Humidity (Operational): Maximum Noncondensing 93%

Dimensions