

Features and Benefits

The PowerCat 6A Side Entry Mod-Clip Jack is specifically designed for high speed 10 Gigabit Ethernet applications. This jack is ideal for use in work area outlet applications with limited back box space. This jack also incorporates time saving installation features such as a spring loaded cable clamp feature and can be terminated with standard 110 punch down tool.

- Robust die cast zinc alloy housing
- Cable can be terminated on left or right side of jack
- Spring loaded shutter
- Spring loaded cable clamp
- Complies with ISO/IEC 11801 Class Ea and TIA-568-C.2 Cat 6A channel and PL requirements
- Jack can be terminated with standard 110 IDC Punch Down Tool
- Patented IDC (insulation displacement contact) V-shaped contacts that flex not fatigue when terminated
- 100% factory tested
- RoHS compliant

Commerical Standards

ISO/IEC 11801:2002/Amd 1 Class Ea
TIA-568-C.2 Cat 6A

Pending Approvals

UL-1863
CSA C22.2
ETL

Technical Information

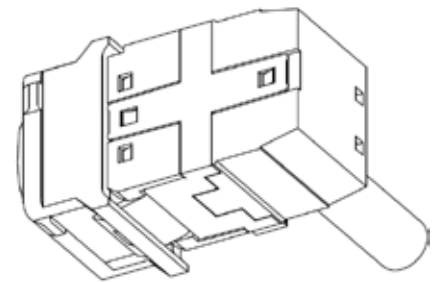
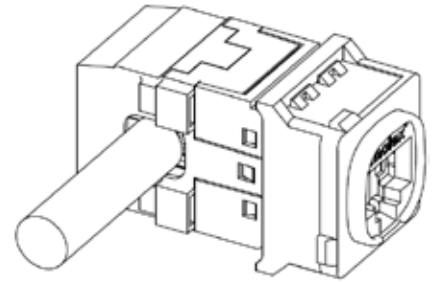
Mechanical Characteristics

Jack Connector
Housing material: Zinc Alloy
Operating Life: 750 insertion cycles minimum
Contact Plating: Copper Alloy
Contact Force: 50µ" Gold/100u" Nickel
Plug Retention Force: 11 lbf minimum

IDC Connector
Housing: Polycarbonate, UL9V-0 rated
Operating Life: 20 re-terminations minimum
IDC Contact Material: Copper Alloy
IDC Contact Plating: Tin Matte Finish
Wire Accommodation: 22-24 AWG Solid

Electrical/Optical Characteristics

Interface Resistance: 20mΩ
Initial Contact Resistance 2.5mΩ
Insulation Resistance: >100mΩ



ORDERING INFORMATION

Order No.	SAP No.	Description
MMC-00020-02	Consult Molex	PowerCat 6A Side Entry MOD-Clip DG Jack, RJ45, 568A/B, White Shutter
MMC-00020-04	Consult Molex	PowerCat 6A Side Entry MOD-Clip DG Jack, RJ45, 568A/B, Black Shutter
MMC-00020-08	Consult Molex	PowerCat 6A Side Entry MOD-Clip DG Jack, RJ45, 568A/B, Grey Shutter
MMC-00020-YL	Consult Molex	PowerCat 6A Side Entry MOD-Clip DG Jack, RJ45, 568A/B, Yellow Shutter
MMC-00020-PP	Consult Molex	PowerCat 6A Side Entry MOD-Clip DG Jack, RJ45, 568A/B, Purple Shutter
MMC-00020-GR	Consult Molex	PowerCat 6A Side Entry MOD-Clip DG Jack, RJ45, 568A/B, Green Shutter

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