



Features and Benefits

Consolidation Points or Multi-User Telecommunications Outlets (MUTO) are intended to provide increased flexibility and economy for installations where open office spaces require frequent reconfiguration.

Consolidation Points are intended for interconnection between horizontal cables extending from building pathways and horizontal cables extending into furniture pathways. Consolidation Point enclosures are frequently required to be installed in ceiling voids or raised floors.

The advantage of a MUTO is that it provides a completely modular solution for work area changes. It provides customers with easy access for work area changes. MUTOA 's should not be installed in ceiling spaces or raised floors to allow easy access and modularity.

Note: Copper work area cables connected to a MUTO shall meet the requirements of TIA/EIA 568 B-3 and ISO 11801:2002.

Molex Premise Networks Consolidation Point/MUTO Enclosure features 8 shuttered PowerCat 6A modules housed in a rugged steel enclosure, which protects incoming cable, but allows ready access to the Telecommunications Outlet links. Two enclosures may be interconnected allowing for expansion.

The PowerCat 6A Shielded DataGate Jack was specifically designed for high-speed data transmission. Offering superior alien cross-talk suppression and enhanced EMI protection. The connector provides a spring loaded shutter that protects from dust and contaminants but the spring loaded design also ejects improperly seated patch cords.

Molex recommends the full range of PowerCat 6A shielded products are used in a system to maximise cabling performance

- Allows moves, adds and changes (MACs) without re-terminating
- 8 Port capacity
- Includes protected labelling facilities
- Rugged enclosure
- Factory assembled
- C6A Shielded DataGate Modules included
- RoHS Compliant

Technical Information

Mechanical Characteristics

Enclosure

Material: CRS Cold Rolled Steel
 Thickness: 1.52mm (0.060")
 Coating: Black Powercoat

PowerCat 6A Jack

IDC Connector

Plastic Housing: Polycarbonate, UL94V-0 rated
 Operating Life: Minimum 20 insertion cycles
 Contact Material: Copper Alloy
 IDC Contact Plating: Tin Matte finish
 Contact Force: 100g minimum
 Wire Accommodation: 22-24 AWG solid

Jack Connector

Housing: Zinc Alloy plated Bright Ni/Cu
 Operating Life: Minimum 750 insertion cycles
 Contact Material: Copper Alloy
 Contact Plating: 1.25 micrometres Au/Ni
 Contact Force: 100g minimum
 Plug Retention Force: 6.8kg minimum

Electrical/Optical Characteristics

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

Termination Tool: 110 Style
 Shipping weight: 1.475kg
 Dimensions:
 258mm (10") (L) x 120 (4.72") (D)x
 85mm (3.35")

ORDERING INFORMATION

Order No.	SAP No.	Description
CPT-00053	Consult Molex	Consolidation Point /MUTO Enclosure 8 Port C6A

MOLEX PREMISE NETWORKS

Americas
 Tel: 630 969 4550
 www.molexpn.com

EMEA
 Tel: 44 (0)2392 205800
 www.molexpn.co.uk

APAC
 Tel: 61 3 9971 7111
 www.molexpn.com.au