

Features and Benefits

The PowerCat Synergy Surface Mount Box is ideal for use in open office cabling. The Synergy Surface Box offers simple, organised installation in areas where surface mount is the only option. Cable can be installed from the sides or base of the box.

PowerCat FTP Synergy Surface Mount Boxes feature the DataGate Category 5e FTP connector. The superior connector provides 360° shielded protection by utilising a two piece tin/nickel brass can that encloses the RJ45 IDC. The FTP DataGate connector includes a unique integral shutter that not only protects it from dust and contaminants, but the ingenious spring-loaded design also ejects improperly seated patch cords.

- Contemporary design
- Protected labelling facility and service I.D. icons
- Ideal for surface mount applications
- 360° shielded RJ45 Jack

Commercial Standards

TIA/EIA-568-B.2-1, FCC Subpart F 68.5, ISO 60603-7, ISO 11801:2002, EN 50173:2002

Pending Approvals

Approvals
 UL-1863 (Pending)
 CSA (Pending)

Technical Information

Mechanical Characteristics

Jack Connector
 Plastic Housing: Polycarbonate, UL94V-0 rated or equivalent
 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

IDC Connector
 Plastic Housing: Polycarbonate, UL94V-0 rated or equivalent
 Operating Life: Minimum 20 reterminations
 Contact Material: Copper Alloy
 IDC Contact Plating: Tin/Lead Plate
 Contact Force: 100g minimum
 Wire Accommodation: 22-24 AWG solid

Electrical/Optical Characteristics

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

Termination Tool: 110

Shipping Weight: 1 Port: 3g



ORDERING INFORMATION

Order No.	SAP No.	Description
SBX-00007-02	Consult Molex	PowerCat 5e Synergy Surface Mount Box, 1 Port RJ45 568A/B FTP - White



Insert color code in place of ** in part number when ordering PowerCat 6 Accessories:
 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Grey, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple

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