

## Enhanced Category 5 Angled MOD-SNAP Module

### Features and Benefits

The MOD-SNAP modular system provides a flexible and versatile method of installation, allowing the user the choice of installing as many data outlets as required. Providing a fascia size of 25 x 38.5 mm (BT6C) the Angled MOD-SNAP module is ideal for floorbox applications. Molex Premise Networks recommend that minimum bend radii must be observed for all cabling to ensure it is not damaged or its performance impaired.

Shallow floorbox installation means that particular attention should be paid to ensure that undue strain and excessive bend is not placed on patch cords. The unique angled design of the Angled MOD-SNAP module reduces line cord bend radius and its purpose is ideally suited to floor box applications.

Molex Premise Networks patented RJLP RJ45 connector offers a low profile, space saving design that enables easy installation in shallow backboxes and trunking and forms part of the Molex Premise Networks PowerCat C5e product range which is designed to comply with the requirements of the Category 5E standard (TIA/EIA 568A-A5, ISO/CENELEC Class D (2001), ISO/IEC JTC 1/SC 25/WG 3 N 598).

- Angled design for reduced bend radius
- Enhanced performance RJ45 PowerCat C5e RJLP connector
- Spring loaded shutter for dust protection
- Compatible with existing range of MOD-SNAP wallplates

### Technical Information

#### Termination Tools

Molex Premise Networks and other industry standard installation tools IDC Terminations:

Suitable for 0.4 mm - 0.6 mm solid or stranded cable maximum o.d. 1.5 mm. Patent pending on connector and module design.

#### Mechanical Characteristics

##### Jack Connector

Operating Life: Minimum 500 insertion cycles  
Contact Material: Phosphor Bronze  
Contact Plating: 1.25 micrometers Au/Ni  
Material: UL94V0 Thermoplastic

##### IDC Connector

Operating Life: Minimum 100 reterminations  
Contact Material: Phosphor Bronze  
Contact Plating: Sn/Pb over Ni  
Wire Size: 2 x 26-22 AWG solid or stranded

#### Electrical

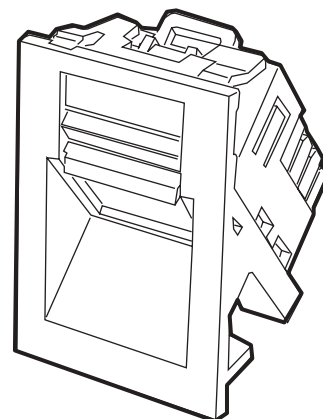
D.C. Resistance:		<20m $\Omega$
D.C. Resistance Imbalance:		<2.0m $\Omega$
Insulation Resistance:		>100M $\Omega$
Attenuation (dB)	@ 1MHz	0.0121
	@ 16MHz	0.0193
	@ 100MHz	0.1052
Crosstalk (dB)	@ 1MHz	-84.26
	@ 16MHz	-60.03
	@ 100MHz	-45.70
PowerSum Worst Pair	@ 100MHz	-41.83
Return Loss	@ 1MHz	-65
	@ 16MHz	-48
	@ 100MHz	-30

#### Backbox/Trunking Depth

Requirement: Min. clearance 25 mm

#### Shipping Weight

Box 20 = 0.35kg



Order No.	Description
MMS-00007-02	PowerCat C5e Angled MOD-SNAP module RJ45 568B UTP white
MMS-00008-02	PowerCat C5e Angled MOD-SNAP module RJ45 568B FTP white

Molex Premise Networks standard colour is white. Other colours maybe available subject to minimum order quantity.

### MOLEX PREMISE NETWORKS

**Molex Premise Networks  
Corporate Headquarters**  
Tel: 603 324 0200  
www.molexpn.com

**European Headquarters**  
Tel: 44 (0) 1489 572111  
www.molexpn.co.uk

**Pacific Rim Headquarters**  
Tel: 61 3 9971 7111  
www.molexpn.com.au

**Molex Incorporated**  
Tel: 630 969 4550  
www.molex.com