



**Features and Benefits**

Molex's OFFICE BLOCK was designed in accordance with TSB75 and is the ideal solution for open office cabling. This attractive and compact 1 port RJ45 unit facilitates a simple, organised installation for areas where space is limited.

A protected labelling facility accepts 6mm labelling tapes and the interior of the unique hinged cover of the unit, provides a write-on surface for port identification. The product is provided with snap-on shutters recommended for connector protection.

The block can be fitted using screws (not provided). Cable is installed from the rear of the block, using the knockouts provided and is retained by the unique strain relief feature which obviates the requirement for cable ties.

Dual colour coding of the IDC blocks provides the option of 568A or 568B wiring. Designed to support high speed data transmission systems, the Cat 5E RJSE connector is PowerSum compliant.

- Compact, attractive and versatile 1 port surface mount block
- Cable entry from rear knockouts
- Labelling facility
- Mounts with screws
- Shuttered
- PowerSum compliant
- Suitable for high speed data transmission
- Cover optionally removable to facilitate installation

**Technical Information**

**Mechanical**

**Jack Connector**

Operating Life : Minimum 500 insertion cycles  
 Contact Material : BrCu  
 Contact Plating : UL 94V0 Thermoplastic

**IDC Connector**

Operating Life : Minimum 100 Reterminations  
 Contact material : Copper based alloy  
 Contact Plating : Sn/Pb over Ni  
 Wire Size : 2 x 22-26 AWG solid or stranded

**Shutter**

Rated for 1000 cycles

**IDC Terminations**

Suitable for 0.4mm - 0.6mm solid or stranded cable, maximum o.d 1.5mm. Two wires may be terminated for daisy-chain applications.

**Electrical**

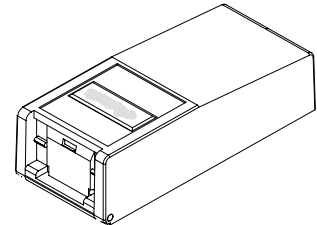
D.C. Resistance : <20 mΩ  
 D.C. Resistance Imbalance : <2.0 mΩ  
 Insulation Resistance : >100MΩ

Attenuation (dB)	@	1MHz	0.0121
	@	16MHz	0.0193
	@	100MHz	0.1052
Crosstalk (dB)	@	1MHz	-90.00
pair to pair	@	16MHz	-72.00
	@	100MHz	-46.00
PowerSum			
Worst Pair (dB)	@	100MHz	-42.00
Return Loss (dB)	@	1MHz	-59
	@	16MHz	-45
	@	100MHz	-25.5

Shipping weight (each) 40gms

**Dimensions**

80mm(L) x 35mm(W) x 23mm(H)



Order No.	Description
SID-00009-02	OFFICE BLOCK 1 Port RJ45 RJSE PowerCat, shuttered White 568A/B UTP Cat 5E
ASB-00001-02	Shutters White (100Pk)

Molex's standard colour is white. Other colours may be subject to minimum order quantities.

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