

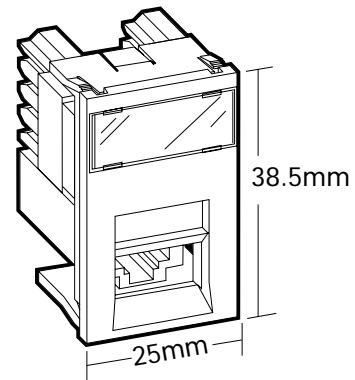
# MOD-SNAP IDC Module 8 Wire UTP 568B Category 5



42.1B.011.A0012

## Features

- Ultra-shallow design.
- White MOD-SNAP module compatible with existing range of modules and accessories.
- Independently tested to Category 5.
- High durability RJ45 interface
- No special application tooling requirements.



Cut out size: 37 x 22mm

## MOD-SNAP IDC Module

The improved MOD-SNAP IDC module offers reduced depth requirements and is currently believed to be the shallowest device of this kind available. It is suitable for use with MOD-TAP Wallplates in BS4662 boxes of only 16mm depth. In floorbox applications it can be directly mounted to a flat metal or plastic faceplate, and in this case a minimum clearance of 20mm is required behind the plate. Building wiring is directly connected to the rear face of the module using industry standard terminating tools.

Part No.	Description
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42.1B.011.A0012	MOD-SNAP IDC Module 8 Wire UTP 568B - Colour White
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## Technical Specification

### Termination Tools:

MOD-TAP and industry standard tooling

### Panel Cut-out:

22mm x 37mm, (suitable hole punch part no 543-709 available from RS Components).

### 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.

Patents pending on connector and module designs.

## Mechanical

### Jack Connector

Operating Life: Minimum 500 insertion cycles  
 Contact Material: Phosphor Bronze  
 Contact Plating: 1.25 micrometres Au/Ni  
 Material: UL 94VO Thermoplastic

### IDC Connector

Operating Life: Minimum 100 Reterminations  
 Contact Material: Phosphor Bronze  
 Contact Plating: Sn/Pb over Ni  
 Wire Size: 2x26-22 AWG solid or stranded

### Electrical

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

Attenuation (dB)	@	1 MHz	0.0121
	@	16 MHz	0.0193
	@	100 MHz	0.1052
Crosstalk (dB)	@	1 MHz	-84.26
	@	16 MHz	-60.03
	@	100 MHz	-42.32
Return Loss (dB)	@	1 MHz	-51.26
	@	16 MHz	-36.99
	@	100 MHz	-18.06

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