



## PRODUCT DESCRIPTION

This component is a standard sized surface mount box with a built in Cat 5e RJ45 module for easy installation. The surface mount box was designed for installations in residential applications, business environments and commercial applications where in-wall installations are not possible. The Cat 5e RJ45 module is versatile and designed to accommodate 22-26 AWG solid conductors and uses an approved industry standard 110 IDC for cable terminations. This product comes in 1 Port & 2 Port configurations for increased adaptability.

## DESIGN FEATURES

- Colour coding of conductors according to TIA T568B and T568A Cabling Standards
- Can be securely mounted with double-sided tape pads or by using screws
- Hyperline patch cord usage provides the best connection
- 110 type IDC with peaked crowns at every pair for easy installation
- 110 type impact punch down tool is used for cable termination

## APPLICATIONS

- Suitable for residential, business and commercial installations where in-wall installations are wnot possible
- Suitable for modular cubicle furniture installations

## CERTIFICATIONS & COMPLIANCE

- UL 94V-0
- Meets/ Exceeds ANSI/TIA/EIA-568-C Category 5e performance requirements
- Meets/ Exceeds TIA/EIA TSB-40
- Meets CENELEC generic cabling standard EN50173

## MATERIALS

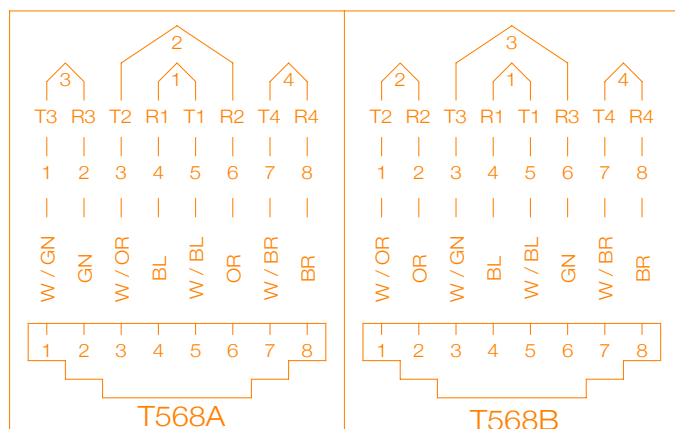
Body	Fireproof ABS - UL-94V0
IDC	PC UL94V-0
PCB	FR-4 1.6 mm (0.06") thick, 2 layers

## PRODUCT CHARACTERISTICS

- 110 type IDC with peaked crowns at every pair for easy installation
- 110 type impact punch down tool is used for cable termination
- Accommodates 22 to 26 AWG solid conductors

## C6A CHANNEL COMPLIANT

ACCORDING TO ANSI/TIA-568-C.2 REQUIREMENTS



## ELECTRICAL CHARACTERISTICS

In Accordance With	UL 1863
Contact Resistance	20 MOhm
Voltage Rating	150 V
DC Current Rating	1.5 A max
Dielectric Withstanding Voltage	1000 V AC RMS, 60Hz/1min

## MECHANICAL CHARACTERISTICS

Operating Temperature Range	-10 C to 60 C
Storage Temperature Range	-40 C to 68 C
Humidity Range	10% - 90% RH
Durability	200 Termination Cycles
Plug Retention Force	11 lb f min
Contact Force	100 grams with FCC compliant RJ45 plug
Insertion Life	750 mating cycles with FCC Compliant RJ45 plug

## ORDERING

SB2-1-8P8C-C5e-WH	Surface Mount Box with Cat 5e RJ45 Connector – 1 Port
SB2-2-8P8C-C5e-WH	Surface Mount Box with Cat 5e RJ45 Connector – 2 Port