

# TrueNet®

## Category 5e Keystone Inline RJ45 Outlets

Issue 1



Keystone Inline Outlet



Shielded Keystone Inline Outlet

The Keystone Inline Outlet is a high speed data and voice transmission RJ45 outlet assembly. It is suitable for the direct termination of 100Ω twisted pair plastic insulated copper wires to LSA-PLUS® insulation displacement connectors.

The shielded outlet has a metal socket plus a metal can over the wire termination points to provide a totally shielded enclosure. The metal can has a clamping arrangement for cable retention and to make electrical contact with the shielding element in the cable.

### Features:

- Category 5e performance
- The outlet clips directly into Keystone patch panels and Keystone style faceplates
- LSA-PLUS silver-plated 45° angled contacts for the most secure and reliable connection available
- Wiring code label provides both 568A and 568B wiring formats
- The Shielded Outlets are supplied with a 360 degree outer metal shielding and the nosepiece is made of die cast metal to provide extra shielding

### Specifications

Environment for use:	Indoors, in closed rooms
Operation temperature range:	-20°C to + 60°C
Relative humidity:	≤93% non-condensing
RJ Socket, 8 positions, general specification:	FCC 68.500
	IEC 603-7
Voltage/Current rating at 25°C ambient:	≤150VAC at 2.5A max.
Dielectric strength:	≥1.5 kVAC
RJ Interface resistance:	≤20mΩ
Wire diameter range for solid & stranded copper conductors:	0.50 – 0.65mm*(24-22 AWG)
Wire Insulation diameter range (PE, PVC):	1.04 – 1.40mm

\* If any conductors have been terminated, reversal to smaller conductors is no longer possible.

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Transmission, performance and reliability: ..... ≥TIA/EIA 568-A-5 Category 5e  
 ..... ≥ISO/IEC 11801 Class E  
 Number of plug insertion cycles: ..... ≥750  
 Number of wire terminations,  
     ADC KRONE tool: ..... ≥200  
     110 tool: ..... ≥100  
 Flammability of plastic components: ..... UL 94 V-0  
 Safety: ..... UL 1863

ACMA Compliant  
 RoHS compliant to the European Union Directive 2002/95/EC

### Ordering Information

Description	Quantity	Colour	Product No.
Keystone Inline RJ45 Outlet	Bag of 1	White	6540 1 100-00
Keystone Inline RJ45 Outlet	Bag of 1	Black	6540 1 100-02
Keystone Inline RJ45 Outlet	Bag of 1	Ivory	6540 1 100-04
Keystone Inline RJ45 Outlet	Bag of 1	Red	6540 1 100-08
Keystone Inline RJ45 Outlet	Bag of 1	Blue	6540 1 100-10
Keystone Inline RJ45 Outlet	Bag of 1	Grey	6540 1 100-20
Keystone Inline RJ45 Outlet	Bag of 8	White	6540 5 110-00
Keystone Inline RJ45 Outlet	Bag of 8	Black	6540 5 110-01
Keystone Inline RJ45 Outlet	Bag of 8	Ivory	6540 5 110-02
Keystone Inline RJ45 Outlet	Bag of 8	Red	6540 5 110-04
Keystone Inline RJ45 Outlet	Bag of 8	Blue	6540 5 110-05
Keystone Inline RJ45 Outlet	Bag of 8	Grey	6540 5 110-10
Keystone Inline RJ45 Outlet, Shielded	Bag of 1	Metal	6540 1 154-02
Keystone Inline RJ45 Outlet, Shielded	Bag of 8	Metal	6540 5 161-00

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