

# TrueNet®

## Category 5e Surface Mount Outlets

Issue 1



Superior high speed data and voice transmission outlets. These 8 way RJ socket outlet assemblies are suitable for direct termination of 100  $\Omega$  twisted pair plastic insulated copper wires to ADC KRONE LSA-PLUS insulation displacement connectors.

Designed for surface mounting, in a range of colours to complement any decor.

### Features:

- Port identification labelling
- Wire termination guides are supplied in both 568A and 568B configurations
- Break-outs for cable entry
- Internal cable tie points provided
- Available in either single or dual outlet variants
- Available in either shielded or unshielded variants

### Specifications

#### Mechanical:

Environment for use: ..... Indoors, in dry closed rooms  
Operating temperature range: ..... -40°C to +70°C  
Maximum relative humidity: .....  $\leq$  93% non-condensing  
Number of plug insertions: .....  $\geq$  1250  
Wire diameter range for solid and stranded copper conductors: ..... 0.40 – 0.65mm\*(26 – 22 AWG)  
Wire insulation range (PE, PVC): ..... 0.70 – 1.40mm  
Safety: ..... UL 1863  
Flammability of plastic housing: ..... UL 94 V0

\* A maximum of 2 equal diameter solid conductors only, of up to 0.5mm conductor diameter can be terminated per slot. Only 1 stranded conductor per slot can be terminated. If any conductors have been terminated, reversal to smaller conductors is no longer possible.

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### Electrical:

Transmission performance and reliability: ..... ≥ ANSI/EIA/TIA 568A Cat. 5e  
 ..... ≥ ISO/IEC 11801 Cat. 5e  
 ..... ≥ EN 50173 Cat. 5e  
 RJ interface resistance: ..... ≤ 20 mΩ  
 Contact resistance: ..... ≤ 1 mΩ typical  
 Voltage rating: ..... ≤ 150 VAC  
 Current rating: ..... ≤ 2 A  
 Insulation resistance: ..... ≥ 100MΩ at 500 VDC

### Ordering Information

Description	Quantity	Colour	Product No.
HighWay C5e SMK1 Unshielded	Bag of 1	Grey	6467 1 075-00
HighWay C5e SMK1 Unshielded	Bag of 1	Ivory	6467 1 075-10
HighWay C5e SMK1 Unshielded	Bag of 1	White	6467 1 075-20
HighWay C5e SMK1 Shielded	Bag of 1	Grey	6467 1 076-00
HighWay C5e SMK1 Shielded	Bag of 1	Ivory	6467 1 076-10
HighWay C5e SMK1 Shielded	Bag of 1	White	6467 1 076-20
HighWay C5e SMK2 Unshielded	Bag of 1	Grey	6467 1 084-00
HighWay C5e SMK2 Unshielded	Bag of 1	Ivory	6467 1 084-10
HighWay C5e SMK2 Unshielded	Bag of 1	White	6467 1 084-20
HighWay C5e SMK2 Shielded	Bag of 1	Grey	6467 1 085-00
HighWay C5e SMK2 Shielded	Bag of 1	Ivory	6467 1 085-10
HighWay C5e SMK2 Shielded	Bag of 1	White	6467 1 085-20

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