

# ADC Structured Cabling Solutions

## Category 5e RJ45 Patch Cords

Issue 2



For patching between two RJ45 outlets in a Category 5e network. Each RJ plug has a latch protector to reduce the possibility of snags within the cord bundle.

### Features:

- Wired to 568B configuration.
- RJ45 plugs both ends.
- Anti-snag feature on RJ plug clip.
- Moulded boot to ensure minimum bend radius.
- Category 5e performance.
- Available in lengths from 1m up to 15m (refer to ordering information).

### Specifications

#### Mechanical

Environment for use .....	Indoors, in dry closed rooms
Conductor .....	Copper, 24 AWG, 7/0.195
Insulation .....	Polyolefin, 0.96 ± 0.05mm diameter
Separator Material .....	PE
Jacket .....	PVC
Outside Diameter .....	5.4 ± 0.15mm
Minimum Bend Radius .....	75mm
Maximum Pulling Tension .....	18 kg

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Max. Transport and Storage Temperature ..... 75°C  
 Operating Temperature Range ..... -10°C to +75°C  
 Max. Relative Humidity ..... ≤ 93% non-condensing

### Electrical

Conductor DC Resistance @ 20°C (max.)..... 93.8 ohms/km  
 DC Resistance Unbalance (max.) ..... 5%  
 Mutual Capacitance @ 20°C (max.)..... 5.6nF/100m  
 Operating Voltage (max.): ..... 30V  
 Worst Case Cable Skew ..... 45ns/100m  
 Insulation Resistance ..... 100MΩ at 500 VDC

### Chemical

Resistance to ..... Oil, fuel , acid, bleach, organic solvents, as per UL 444

### Ordering Information

Description	Quantity	Colour	Product No.
Patch Cord C5e RJ45 To RJ45	1 Bag of 2	Blue	6451 5 039-XXB
Patch Cord C5e RJ45 To RJ45	1 Bag of 2	Red	6451 5 090-XXB
Patch Cord C5e RJ45 To RJ45	1 Bag of 2	Green	6451 5 092-XXB
Patch Cord C5e RJ45 To RJ45	1 Bag of 2	Yellow	6451 5 093-XXB
Patch Cord C5e RJ45 To RJ45	1 Bag of 2	Grey	6451 5 094-XXB
Patch Cord C5e RJ45 To RJ45	1 Bag of 2	Orange	6451 5 097-XXB
Patch Cord C5e RJ45 To RJ45	1 Bag of 2	White	6451 5 098-XXB

### Lengths (-XX)

-10 = 1m  
 -20 = 2m  
 -30 = 3m  
 -50 = 5m  
 -70 = 7m  
 -00 = 10m  
 -01 = 15m

\*KRONE Communications Ltd. is now ADC India Communications Ltd.

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