

**Professionally approved products.**

## Datasheet

# Category 5e Unscreened PVC Patch Cords

RS Stock number [557-458](#)



### Description:

Category 5e unscreened patch cord range exceeds the transmission line performance requirements of IEC and TIA for CLASS D/Category 5e systems.

The patch cords are designed for mechanical and electrical reliability, using quality materials and processes, to provide a patch cord solution which delivers a consistent high level of systems performance, whilst incorporating design features that allow a “one style fits all” patch cord application.

The low profile moulded boot and snag free latching allows the patch cords to be deployed within even the most densely populated network installations, deploying the latest blade server technology.

Each Category 5e patch cords are manufactured and tested in accordance with IEC 61935-2 and comply with the requirements of ISO/IEC 11801

(2nd Edition): 2010 and support all applications designed for CLASS D/Category 5e such as 1000BASE-T (Gigabit Ethernet), ATM 155, 100BASE-Tx, Token Ring 100Mbs-1 and 1G FCBASE-T.

### Specifications:

#### Construction Value

Conductors	AWG	24
	Size mm	7/0.20 +/- 0.00
	Material	Bare Copper
Insulators	Diameter mm	0.98 +/- 0.05
	Material	Polyolefin
	External O.D	6.0 +/- 0.20
Jacket	Thickness mm	0.5
	Material	PVC

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### Features:

- Electrically compliant beyond 100MHz
- Low smoke Zero Halogen sheathed cable/PVC sheathed cable
- Low profile moulded strain relief boot for use with blade servers
- Integral anti-snag latch as standard
- 8 standard colours
- 7 standard lengths (1m, 2m, 3m , 5m, 10m, 15m & 20m)
- Other lengths and colours available upon request\*
- Individually bagged with traceability information

\* Subject to MOQ

### Applications:

- Class D/category 5e standards compliant

### Standards Compliance:

- This product conforms to the materials requirements of RoHS2
- REACH/SvHC compliant regulation (EC) no. 1907/2006

