

## Voice Products Multipair Riser Cable



### Description

Voice products are designed to provide a cost-effective and simple way to feed PBX or other simple voice circuits into a structured cabling system. The products are available in Kits or as Individual add on components. Plastic components are fire retardant, confirming to UL94 V-0 safety rating.

Voice Patch Panel comes in two variants 100 pair and 300 pair sets. They include 5 pair and 4 pair IDC connecting blocks. These connectors use premium grade Phosphor Bronze contacts suitably plated for long life. These contacts are specially designed to accommodate solid wire as well as stranded conductors from 22 to 26 AWG (0.643mm to 0.404mm) diameters.

This Multipair LAN cable consists of 0.511mm (24AWG) solid copper conductors insulated with colour-coded polyolefin and jacketed with strong fire retardant PVC. It is general purpose, high performance cable used in voice and LAN applications specified up to 16 Mhz. It conforms to TIA/EIA 568A (1995) and ISO/IEC 11801 (1995)-"Commercial Building Wiring Standard" Riser cables for Category 3 performance.

### Applications

- Data
- Telecommunication
- Voice
- Low Voltage Systems

### Qualifications and Approvals

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| ➤ Product Specifications                                 | ➤ Conductor Diameter: 5.7mm                                |
| ➤ TIA Compliant wire ensures long term channel integrity | ➤ Conductor Diameter : 0.511mm (minimum) / 24AWG (minimum) |
| ➤ Wiring: 23 AWG Unshielded                              | ➤ Insulation Thickness : 0.20mm (nominal)                  |
| ➤ Grey Colour Jacket                                     | ➤ Jacket Thickness : 0.75mm (nominal)                      |
| ➤ Nominal Cable Diameter: 7.9mm                          | ➤ Operating Temperature : -20°C to +60°C                   |
|  | ➤ Breaking Pulling Force : 40 N/conductor                  |

### Physical and Mechanical Properties

Nominal Velocity of Propagation (NVP):	0.67
Maximum Resistance:	9.40 / 100m (DC)
Mutual Capacitance @ 1 KHz:	59pF / m
Max. Capacitance Unbal. (Pair to ground):	3.28 pF/m

### Ordering Information

P/N	Description	Size	Wiring	Colour
DCVCAT5UT25P	Multipair UTP Cable - Cat5 - 25 Pair	Meters		
DCVCAT3UT50P	Multipair UTP Cable - Cat3 - 50 Pair	Meters		
DCVCAT3UT100P	Multipair UTP Cable - Cat3 - 100 Pair	Meters		