

Slim-Line CAT6 Patch Leads

blake UK



Slim-Line CAT6 Patch Leads

Designed for applications with confined spaces such as racks, panels and data centres. This super slim cable allows for a very tight bending radius without compromising performance.

U/UTP: UNSHIELDED TWISTED PAIRS

UTP, the standard cable type, uses twisted wire pairs to balance transmission lines and reduce electrical noise and EMI. Varying twist rates between pairs minimise crosstalk, with higher categories sometimes adding a cross-web filler for further noise reduction.

Features:

- **Unshielded CAT6 Cable:** Designed without shielding for efficient performance in standard networking applications.
- **Strain Relief with Length Indicator:** The cable length is clearly moulded into the strain relief for quick identification.
- **Red Connector Ends:** Features red connectors for easy and fast identification of the CAT6 standard.
- **Slimline Design:** Allows for easy installation in tight spaces, enhancing airflow in high-density environments.
- **High-Performance Data Transmission:** Ideal for 10 Base-T, 100 Base-T, 1000 Base-T, and 10G Base-T networking applications.
- **Superior Build Quality:** Constructed with high-grade bare copper conductors and PE insulation for excellent electrical performance and dependability.
- **Standards Compliant:** Adheres to TIA/EIA568B.2 (Fluke tested) and IEC/ISO11801, making it suitable for primary (campus), secondary (riser), and tertiary (horizontal) installations.
- **Gold-Plated Connectors:** Fitted with 3U gold-plated copper connectors for superior conductivity, durability, and long-term reliable performance with minimal signal loss.
- **Durable Insulation:** PE insulation with a $0.55\pm 0.05\text{mm}$ diameter offers excellent protection and insulation resistance of $\geq 130\text{ M}\Omega/\text{km}$.
- **High-Quality Copper Conductors:** Made with 30 AWG bare copper ($7/0.09\pm 0.008\text{mm}$) for low resistance and optimal signal clarity.
- **Flexible Jacket:** Black FR-PVC jacket with an outer diameter of $3.0\pm 0.2\text{mm}$ and thickness of $0.5\pm 0.1\text{mm}$, providing flame resistance and durability.

Technical Specifications:

Conductor	Bare copper, 30 AWG ($7/0.9\pm 0.008\text{mm}$)
Plugs	3U gold plated copper
Insulation	PE, $0.55\pm 0.05\text{mm}$
Twisted Pairs	4x twisted pairs
Jacket Material	FR-PVC
Outer Diameter	$3.0\pm 0.2\text{mm}$
Resistance Unbalance	$\leq 2\%$
Insulation Resistance	$\geq 130\text{ M}\Omega/\text{km}$
Characteristic Impedance	$100\pm 15\ \Omega$ (1-100MHz)
Test Voltage	(DC, 1 min) 1000v

The range:

BLACK:

0.25m
0.5m
1m
2m

WHITE

0.25m
0.5m
1m
2m

