

## Modular Plug Terminated Link – Category 6

These MPTL with cable management system ensures reliable field termination. The cable manager holds cable pairs in place up to the termination point, preventing cable untwist and buckle, guaranteeing reliable and repeatable performance. The design reduces termination time and effort, as all four pairs terminate at once without the use of a tool.

These MPTL assures performance exceeding Category 6 specifications up to 250MHz.



### Standards

- ANSI/TIA-568.2-D
- ISO/IEC 11801
- IEEE 802.3bt
- 10/100/1000Base-T
- 155Mbps ATM
- Power over Ethernet (POE)

### Construction

Housing	Polycarbonate UL94V-0
Contact Area	50µ Gold Plated above Nickel
Contact Base Material	Phosphor Bronze
IDC	100µ Nickel Plated over Phosphor Bronze
IDC Acceptance	22-26 AWG Solid Cable
Category	Cat6
Type	Unshielded
PCB	FR-4, UL94V-0
Colour	White
Insertion Life	>750 mating cycles
Accessories	Pair Termination Manager
Packaging	MPTL with accessories on a Polythene Cover

### Electrical

Dielectric Strength	1000V RMS for 1 min
Current Rating (Max)	1.5Amp
Insulation Resistance (min)	500MΩ
Contact Resistance	20mΩ

### Environmental

Transport and storage	-20° to 75°C
Installation	4° to 50°C
Operation	-10° to 60°C
Operation Humidity	10% – 90% non-condensing



## How to Order

Description	Product Code
Unshielded Category 6 RJ45 Field Terminable Plug (MPTL)	521300-0

Other Designs and Colours are available upon request.