

Modular Plug Terminated Link – Category 6A Shielded

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 6A specifications up to 500MHz.



Standards

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

Construction

Housing	Zinc Alloy Die-cast
Contact Area	50µ Gold Plated above Nickel
Contact Base Material	Copper
IDC	Phosphor Bronze
IDC Acceptance	22-26 AWG Solid Cable
Category	Cat6A
Type	Shielded / Screened
PCB	FR-4, UL94V-0
Colour	Metallic
Insertion Life	>750 mating cycles
Accessories	Pair Termination Manager
Packaging	MPTL with accessories on a Polythene Cover

Electrical

Dielectric Strength	500V RMS for 1 min
Current Rating (max)	1.5Amp
Voltage Rating (max)	250V AC at 2Amp
Insulation Resistance (min)	500MΩ
Termination Resistance (max)	35mΩ

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
Shielded Category 6A RJ45 Field Terminable Plug (MPTL), Metallic	521411-1

Other Designs and Colours are available upon request.