

MEGANet Cs Unshielded Patch Panel | CAT6 | Complete

The MEGANet Cs CAT6 Patch Panel is a preloaded IDC unit specifically designed for unshielded gigabit Ethernet applications. It incorporates cutting-edge technology and exceptional durability to ensure reliable high-speed data transmission. Manufactured using premium materials, this patch panel guarantees a long-lasting and sturdy product.



Features

- Tested up to 250 MHz
- Designed to fit all standard 19" racks and cabinets
- Foldable cable support bar
- Preloaded patch panels allow for a higher termination speed
- 110 Insertion tool required
- Suitable for T568A and T568B wiring codes
- Large label for easy port labelling and identification

Application

- Data - Ethernet up to 1Gbits/s
- PoE - Up to Class 6 | 60 W | Type 3 (802.3bt)
- Unshielded solution

Material and Physical Characteristics

Description	Value
Frame Material	Cold Rolled Steel Black Powder Coated
Keystone Jack Module Material	ABS UL94V-0
Contact Material	Phosphor Bronze 80u" Nickel Undercoat Plating 50u" Gold Plating
IDC Housing Material	High-Impact PC Thermoplastic UL94V-2
IDC Contact Material	Phosphor Bronze 100u" Soft Nickel Plating 200u" Tin Plating
Insertion Life	750 Insertion Cycles with FCC Compliant RJ45 8P Plug
Contact Force	100 Grams with FCC Compliant RJ45 8P Plug
Plug Retention Force	Minimum 75 Nm
IDC Durability	200 Termination Cycles
Termination Tool	110 Punch Down Tool
Core Compatibility	22 to 26 AWG Solid Cores
Operating Temperature	-10°C to 60°C



Electrical Characteristic @ 20°C

Description	Value
Insulation Resistance	500 MΩ
Dielectric Withstanding Voltage	1000 VAC
DC Current Rating	1.5 Amps
DC Resistance	0.1 Ω
Contact Resistance	20 mΩ
POE Rating	Up to Class 6 60 W Type 3 (802.3bt)

Ordering Information

Product Code	Description
A-BH13-C01250	MEGANet Cs Patch Panel CAT6 24 Port Complete

V 2023/07