



## Cat.6A 90° Shielded Patch Panel, 24-Port, Rotating Latch

### TYPICAL SPECIFICATIONS

MAXI Category 6A shielded patch panels are designed to provide maximum flexibility and high performance for all 10G networks up to 500 MHz. Performance conforms to proposed Cat.6A Permanent Link/Channel requirement of ANSI/TIA-568-C.2.



### FEATURES

- ANSI/TIA-568-C.2, IEEE802.3an for 10GBASE-T Requirement.
- ISO 11801, EN 50173-1 Class EA Specification.
- Compatible with Standard 19" Equipment racks, Cabinets or Wall Mount Brackets..
- Offer Total Solution of Your Local Networking Area.
- Comply with CISPR/FCC Class A.
- RoHS Compliant.

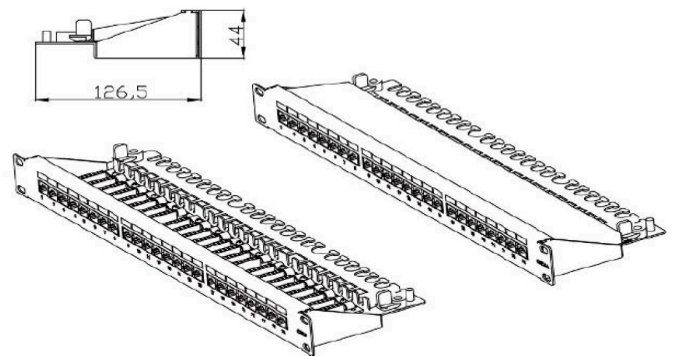
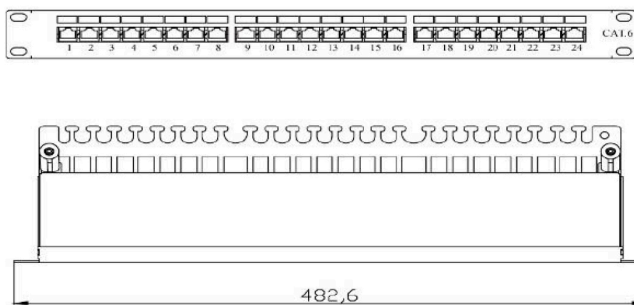
### APPLICATIONS

- 10G BASE-T Ethernet
  - 1000 BASE-TX Gigabit Ethernet
  - 100 BASE-TX Fast Ethernet
  - Voice, Video and other applications.
- 10GBASE-T Ethernet

### ELECTRICAL SPECIFICATIONS

- Dielectric Strength : 1000V RMS for 1min
- Insulation Resistance : 10M $\Omega$  min
- Contact Resistance : 2m $\Omega$  per contact
- Temperature Range : -10°C to 60°C max
- Humidity : 10%-65%

### DIMENSIONS



Unit: mm



# Product Specification



## PHYSICAL SPECIFICATIONS

- IDC Contact : 0.8mm thickness Phosphor Bronze,tin plating over nickel
- IDC Operating life : minimum 250 insertions
- Jack Contact : Phosphor Bronze,50µinch Thickness Gold plated Over Nickel
- Jack Operating life : minimum 750 insertions
- High impact plastic housing, Flame retardant, UL94V-0
- PCB : FR-4,1.6mm thickness

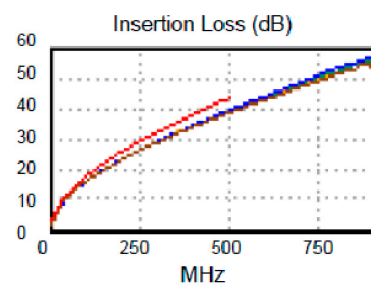
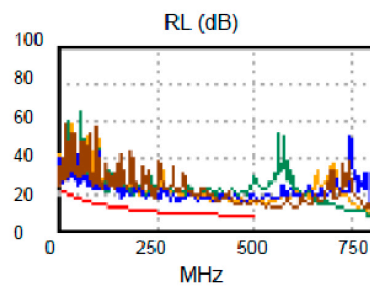
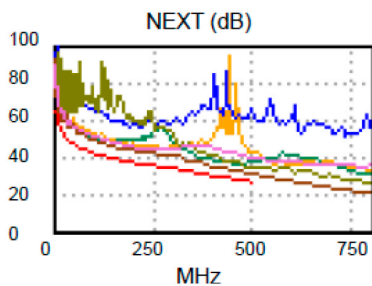
## PERFORMANCE

Wire Map (T568B)

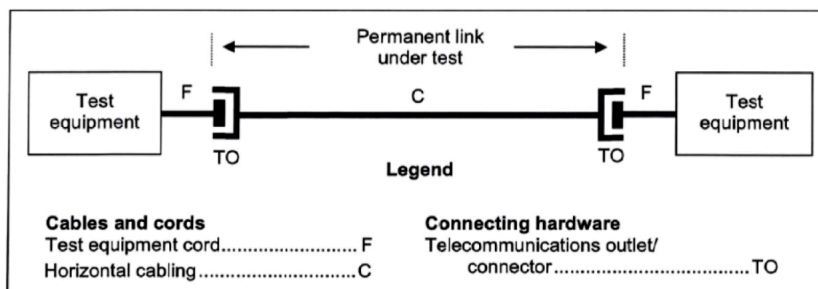
**PASS**



Length (m), Limit 90.0	[Pair 78]	83.6
Prop. Delay (ns), Limit 498	[Pair 45]	381
Delay Skew (ns), Limit 44	[Pair 45]	4
Resistance (ohms)	[Pair 78]	12.5
Insertion Loss Margin (dB)	[Pair 45]	4.2
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	43.8



### Permanent Link test method



## ORDER INFORMATION

Part No.	Description
YPPR-AFVD-8/24	Cat.6A 90° Shielded Patch Panel, 24-Port, Rotating Latch, Dual Type IDC
YPPR-AFVT-8/24	Cat.6A 90° Shielded Patch Panel, 24-Port, Rotating Latch, 110 Type IDC

**other colors depend on customers' request.**

\*Although MAXI TELECOM has taken precautions to ensure the accuracy of the product specifications at the time of publication, however, we cannot be responsible for the errors, omissions, or changes due to obsolescence. All data contained herein is subject to change without notice.

