



Category 6 Patch Cord

Mariox Category 6 Patch Cord is a superior product delivering the best network performance.

The Patch Cord is constructed of high grade cable and quality RJ45 plugs, and is designed to operate up to 300MHz. This enables it to operate successfully in a Category 6 environment.

Patch cords are available in white and blue with matching boots to help with circuit identification in the cabinet/rack.

PRODUCT FEATURES:

- UL CMR Fire rated jacketing
- PE insulation on conductors
- PVC outer jacket material
- Available in White and Blue (**Additional colours available on request)
- Available in multiple lengths

CUSTOMER BENEFIT:

- Performs to the latest proposed Category 6 FTP ANSI/TIA/EIA-568-B Standard
- Provides customers with the satisfaction of having a fully compliant product
- Comes in White and Blue for easier circuit identification
- Comes in various lengths to assist in better cable management

TRANSMISSIONS SPECIFICATION

Parameter	Value (-dB)	Cat 6 (-dB)
NEXT	55.1	≥ 54.0
Power Sum NEXT	52.0	≥ 54.0
FEXT	49.8	≥ 43.1
Power Sum FEXT	46.9	≥ 40.1
Attenuation	0.1	≤ 0.2
Return Loss	27.0	≥ 23.0

MECHANICAL CHARACTERISTICS

Cable	
Gauge	23 AWG with PE unsulation, CMR fire rated
Pair Count	4 pair individually colour coded with filler and PVC jacket
Sequence	Wiring sequence 568 A/B
Durability	1000 mating cycles
RJ45 Plug	Polycarbonate, FCC Part68 SubpartF, UL 94V-0
Plug Boot	PVC
Contact Material	Phosphor bronze with 50 micro-inches gold over 100 micro-inches nickel

ELECTRICAL

Dielectric Strength	1000V RMS at 60Hz for 1 minute
Voltage Rating	150 VAC maximum
Current Rating	1.5A maximum
Insulation	500mΩ minimum
Contact Resistance	10mΩ maximum

MODEL CODE

Code	Length
CATE6-1	1 meter
CATE6-1.5	1.5 meter
CATE6-3	3 meters
CATE6-5	5 meters
CATE6-10	10 meter
CATE6-15	15 meters
CATE6-30	30 meters

** Custom made available upon request

