



Cat6A UTP Micro-Thin Molded Patch Cable - 32AWG - Riser CMR

CAT6AUTM-xxYY - Specifications

Description

This Cat6a Ethernet cable consists of a RJ45 male on one end and a RJ45 male on the other. It is typically used for Ethernet network connections such as patch panels, switches, computers and routers. It's micro-thin cable design works perfectly for interconnecting networking equipment in datacenters where cable management space is extremely important.

Physical Characteristics

| | |
|--------------------|-----------------------|
| Colors Available | Black / Blue / White |
| Connector Plating | Gold Plated 50 Micron |
| Cable Diameter | 2.6mm |
| Wire Gauge | 32AWG Stranded |
| Shielding | UTP (Unshielded) |
| Pairs | 4 |
| Fire Rating | CMR (FT4 Riser Rated) |
| Strain Relief | Molded Strain Relief |
| Jacket Type | PVC |
| Temperature Rating | -20 C to +75 C |

Connectors

| | |
|-------------|----------------------|
| Connector A | RJ45 Short Body Male |
| Connector B | RJ45 Short Body Male |

Performance

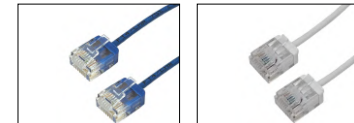
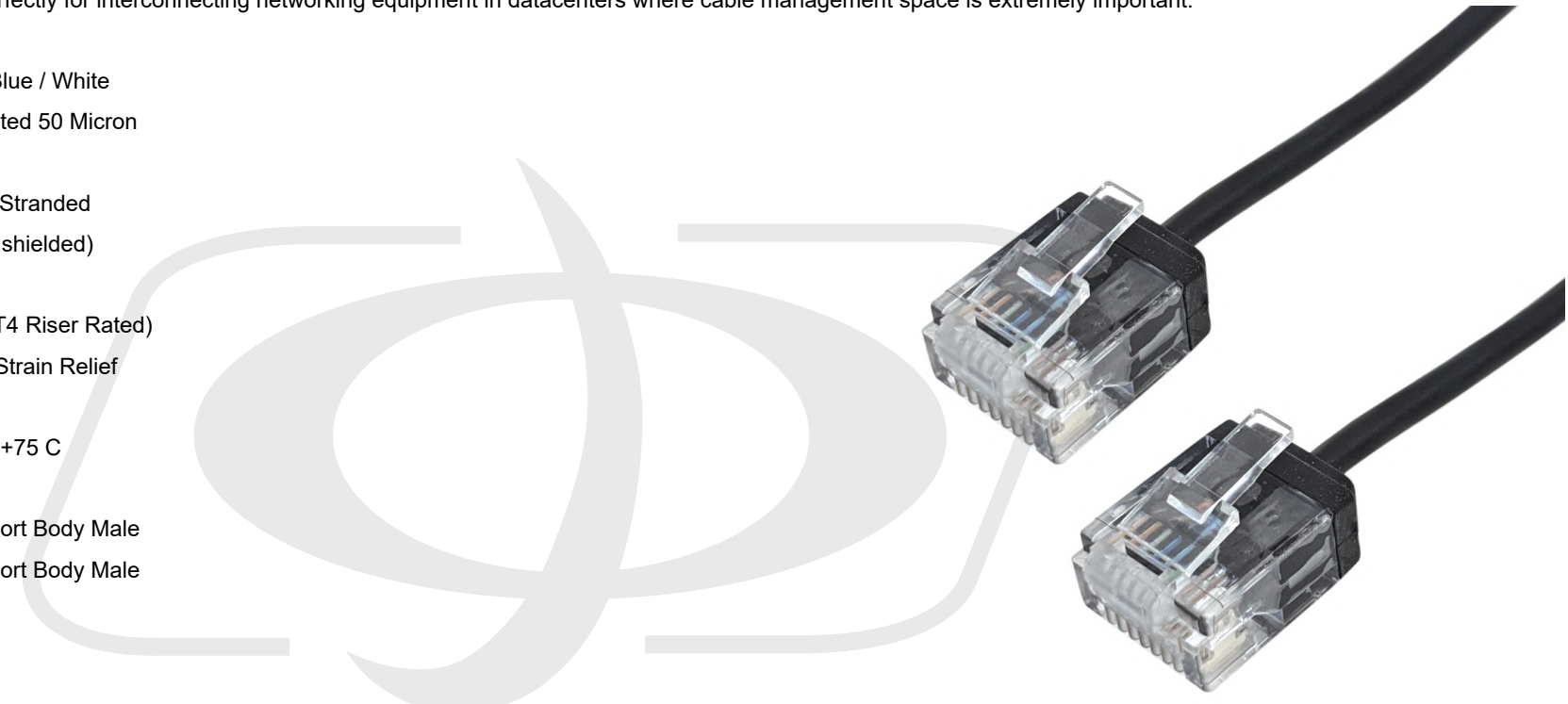
| | |
|---------------------------|----------------------|
| Fluke® CAT6A Channel Test | Yes |
| Frequency | 10Gb |
| Color Code | 568A/568B Compatible |

Approvals/Environmental

| | |
|--------------------|-------------|
| c(UL)us | Yes - Cable |
| ISO/IEC 11801 | Yes |
| RoHS | Yes |
| Reach | Yes |
| Conflict Materials | Yes |

Warranty Information

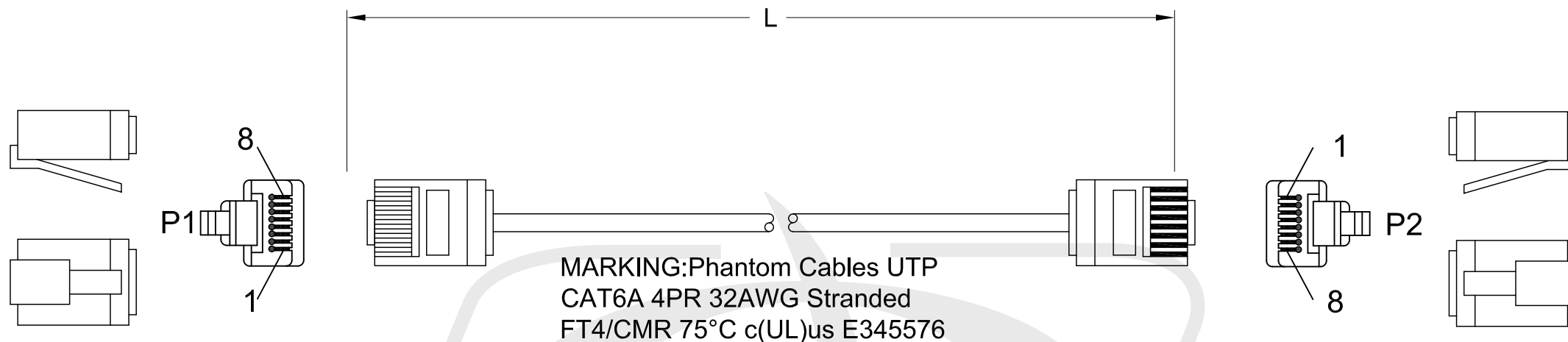
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| Warranty | Limited Lifetime |
|----------|------------------|



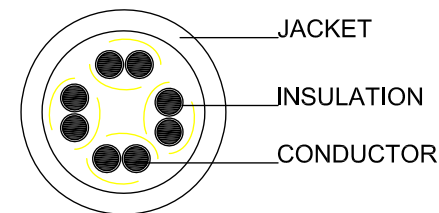


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CAT6AUTM-xxYY - Line Drawing



| P1 | | P2 T568B |
|----|---|----------------|
| 1 | — | 1 WHITE/ORANGE |
| 2 | — | 2 ORANGE |
| 3 | — | 3 WHITE/GREEN |
| 4 | — | 4 BLUE |
| 5 | — | 5 WHITE/BLUE |
| 6 | — | 6 GREEN |
| 7 | — | 7 WHITE/BROWN |
| 8 | — | 8 BROWN |



ELECTRICAL TEST:

- Conductor DC Resistance – 60.1/100m (maximum)
- Impedance – 100Ω
- Capacitance – 5600pf/100m
- Propagation Delay – 545ns/100m (maximum)
- Delay Skew – 45ns/100m (maximum)
- Pass Fluke DSX 8000 Test(100% test)

