Ethernet Patch Cables

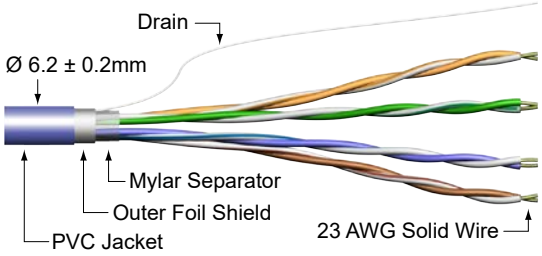
Stride Cat6a CMR Riser-rated STP Ethernet Patch Cables

Designed for General Purpose Use

Factory floor environments often expose network cables to significant electromagnetic interference (EMI), which can cause partial or complete data loss. These Cat6a CMR cables are designed for exactly those conditions; an outer foil shield and shielded RJ45 connectors suppress EMI along the cable and at each connection point.

CMR (Communications Multipurpose Cable, Riser) rating qualifies these cables for vertical installation in building riser shafts, making them suited for industrial automation networks spanning multiple cabinets or floors while satisfying NEC and local building code requirements. Unlike CM or CMX general-purpose Ethernet cables, CMR-rated cables meet the fire-resistance requirements for riser pathways in commercial and industrial buildings.

These cables meet ANSI/TIA-568-C.2 and ISO/IEC 11801 Cat6a standards at 100m and are characterized to 550 MHz, exceeding the 500 MHz Cat6a specification.





RoHS
RoHS Compliant

Features

- Up to 10 Gbps transfer rate
- Shielded RJ45 male plugs
- 50µin gold-plated connectors for corrosion resistance
- 4-pair 23 AWG solid copper wire
- Overall foil shielded cable for EMI suppression
- CMR rated; suitable for risers and general use other than in plenum spaces
- PoE Rated: suitable for PoE(IEEE 802.3af), PoE+(IEEE 802.3at) and PoE++(IEEE 802.3bt)
- RoHS compliant

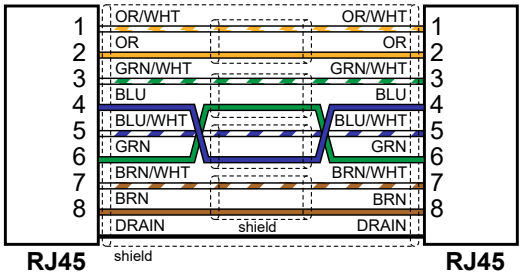
Cat6a Straight-through CMR Patch Cables

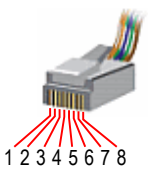
Part Number	Jacket Color	Description	Length	Price
C6A-CMRSTPBL-S1	Blue	STRIDE Cat6a Ethernet straight-through patch cable, STP (overall foil shield), RJ45 male to RJ45 male. For use with 10/100/1000/10000 Mbps networks.	1ft [0.3m]	$7.50
C6A-CMRSTPBL-S3			3ft [0.9m]	$10.50
C6A-CMRSTPBL-S7			7ft [2.1m]	$16.00
C6A-CMRSTPBL-S10			10ft [3.0m]	$19.50
C6A-CMRSTPBL-S14			14ft [4.3m]	$24.50
C6A-CMRSTPBL-S25			25ft [7.6m]	$38.00
C6A-CMRSTPBL-S50			50ft [15.2m]	$69.00

Cat6a CMR Cable Specifications

Transfer Parameters	Cat6a
Transfer Rate	Up to 10 Gbps full duplex
Temperature Rating	75 °C [167 °F] (bare cable)
Protection Degree	RJ45 connector: IP20
Outer Diameter	6.2 ± 0.2mm
Bend Radius	62mm (10 x outer diameter)
Connection	Shielded RJ45 plug
Wire Type and Material	4 pair, 23 AWG solid copper
Jacket Material	PVC
Shield Type	STP (overall foil shield)
Cat6a Standards	ANSI/TIA-568-C.2, ISO/IEC 11801
UL Ratings	UL 444, UL 1666
Approvals	Bare cable: cULus Recognized (E534395) Connector: UL Recognized (E528806)

Patch (Straight-through) Cable





8-pin RJ45
Connector (8P8C)