



Product: [CA24107010M](#)



CAT 6A 10GX unshielded patch cord, LSZH stranded, T568A/B compatible, Purple, 10 meter

Product Description

CAT 6A 10GX unshielded patch cord, LSZH stranded, T568A/B compatible, Purple, 10 meter

Technical Specifications

Product Overview

|                        |                                                                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable Applications: | Horizontal and building cabling. Support current and future Category 6A, 10GX, Category6 & 5e applications, such as: 10Base-T, 100Base-TX, 1000Base-T and 10G Base-T |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material         | No. of Pairs |
|-----|-----------|------------------|--------------|
| 26  | Stranded  | BC - Bare Copper | 4            |

Insulation

| Material                 |
|--------------------------|
| PE - Polyethylene (Foam) |

Outer Shield

| Type  | Description       | Material           | Coverage [%] |
|-------|-------------------|--------------------|--------------|
| Braid | Overall Shielding | Tinned Copper (TC) | 30%          |

|                           |                                                                                                      |
|---------------------------|------------------------------------------------------------------------------------------------------|
| Outer Shield Table Notes: | Individual Shielding: 2 twisted insulated conductors with overall foil laminated aluminium-polyester |
|---------------------------|------------------------------------------------------------------------------------------------------|

Outer Jacket

| Material                                        | Nominal Diameter |
|-------------------------------------------------|------------------|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) | 6.1 mm           |

|                |                                               |
|----------------|-----------------------------------------------|
| Wiring Scheme: | T568A/B-T568A/B                               |
| Packaging:     | Individually packaged in a clear plastic bag. |

Connectors

Materials

| Description      | Material                                                             | Type     |
|------------------|----------------------------------------------------------------------|----------|
| Plug             | Polycarbonate                                                        | RJ45     |
| Boot             | Rubber boot                                                          | Snagless |
| Front Connection | Phosphor bronze plated with 1.27µm gold over 2.54µm nickel undercoat | Blades   |

Electrical Characteristics

|                 |              |
|-----------------|--------------|
| Voltage Rating: | 72 V DC Max. |
|-----------------|--------------|

Temperature Range

|                                 |                |
|---------------------------------|----------------|
| Installation Temperature Range: | 0°C To +50°C   |
| Operating Temperature Range:    | -20°C To +60°C |

Mechanical Characteristics

Termination Interface

| Termination | Connection       | Durabilities |
|-------------|------------------|--------------|
| RJ45        | Mated Connection | 750 Cycles   |

Standards

|                     |                                       |
|---------------------|---------------------------------------|
| ISO/IEC Compliance: | ISO/IEC 11801-1                       |
| Data Category:      | Category 6A                           |
| TIA/EIA Compliance: | ISO/IEC 11801-1, ANSI/TIA/EIA 568 C.2 |

Applicable Environmental and Other Programs

|                      |        |
|----------------------|--------|
| Environmental Space: | Indoor |
|----------------------|--------|

Flammability, LS0H, Toxicity Testing

|                   |               |
|-------------------|---------------|
| IEC Flammability: | IEC 60332-1-2 |
|-------------------|---------------|

Related Part Numbers

|                |                                         |
|----------------|-----------------------------------------|
| Related Parts: | CAT6A Modular Jacks, CAT6A Patch panels |
|----------------|-----------------------------------------|

History

|                      |                                                |
|----------------------|------------------------------------------------|
| Update and Revision: | Revision Number: 0.8 Revision Date: 05-05-2022 |
|----------------------|------------------------------------------------|

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