# Product: GIGABIX CAT6+ PATCH CORDS



GIGABIX CAT6+ Patch Cords

## Product Description

GIGABIX CAT6+ Patch Cords

## Technical Specifications

### Product Overview

| | |
|---|---|
| Suitable Applications: | IBDN System 4800, 3600 and 2400,TIA Category 6, ISO Class E, 1000BASE-T |

### Physical Characteristics (Overall)

| | |
|---|---|
| Total Number of Pairs: | 4 |
| Overall Nominal Diameter: | 0.221 in |
| Packaging: | Individually packaged in a clear plastic bag. |

### Connectors

**Materials**

| Description | Material | Color |
|---|---|---|
| Boot | PVC | Black |
| Conductor | BC - Bare Copper | |
| Front Connection | Blades Phosphor Bronze with Tin Plating over Nickel | |
| Insulation | PO - Polyolefin | |
| Outer Jacket | PVC - Polyvinyl Chloride | |

### Electrical Characteristics

| | |
|---|---|
| Dielectric Strength: | 1,000 V RMS @ 60 Hz for 1 minute |
| Current Rating: | 1.500 A |
| Insulation Resistance: | 500 M-Ohm Minimum |
| Max Contact Resistance: | 20 mOhm |

### Temperature Range

| | |
|---|---|
| Installation Temperature Range: | -10°C To +60°C |
| Storage Temperature Range: | -40°C To +70°C |
| Operating Temperature Range: | -10°C To +60°C |

### Mechanical Characteristics

| | |
|---|---|
| Min Bend Radius (Overall Cable): | 1.040 in |
| Footprint/Type: | GigaBIX |
| Plug /Jack Compatibility: | BIX |

**Termination Interface**

| Connection | Durabilities |
|---|---|
| Mated Connection | 200 Cycles |

### Standards

| | |
|---|---|
| UL Rating: | Riser |
| CSA Rating: | FT4 |
| TIA/EIA Compliance: | Category 6 - TIA 568-C.2, ISO/IEC 11801:2002 Ed.2 Amendment 2 |

## Applicable Environmental and Other Programs

| | |
|---|---|
| Environmental Space: | Indoor |
| EU Directive 2002/95/EC (RoHS): | Yes |
| MII Order #39 (China RoHS): | EUP 50 |

## Flammability, LS0H, Toxicity Testing

| | |
|---|---|
| Safety Listing: | ACA, c(UL)us Listed |

## Related Part Numbers

| | |
|---|---|
| Related Parts: | CAT6+ GigaBIX Connectors, GigaBIX Termination Kits, GigaBIX accessories |

**Variants**

| Item # | Color | Length | UPC |
|---|---|---|---|
| AX101945 | | 4 ft | 611589003971 |
| AX101951 | | 4 ft | 611589004039 |
| AX101957 | | 4 ft | 611589004091 |
| AX101952 | | 6 ft | 611589004046 |
| AX101958 | | 6 ft | 611589004107 |
| AX101947 | | 8 ft | 611589003995 |
| AX101953 | | 8 ft | 611589004053 |
| AX101948 | | 10 ft | 611589004008 |
| AX101954 | | 10 ft | 611589004060 |
| AX101960 | | 10 ft | 611589004121 |
| AX101949 | | 15 ft | 611589004015 |
| AX101955 | | 15 ft | 611589004077 |
| AX101961 | | 15 ft | 611589004138 |
| AX101950 | | 25 ft | 611589004022 |
| AX101962 | | 25 ft | 611589004145 |
| AX101946 | Black | 6 ft | 611589003988 |
| AX101959 | Black | 8 ft | 611589004114 |
| AX101956 | Black | 25 ft | 611589004084 |
| AX105559 | Black | 30 ft | 611589113366 |
| AX105169 | Black | 50 ft | 611589091220 |
| AX105170 | Black | 100 ft | 611589091237 |

## Product Notes

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|---|---|
| Notes: | The product could have different connectors configuration depending of the item # |

## History

| | |
|---|---|
| Update and Revision: | Revision Number: 0.287 Revision Date: 10-17-2024 |

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