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
Connector System Compatibility:	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

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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