

Product: XCGB4

Category 6 Cross Connect Cable, 4 Pair, U/UTP, CMR

Product Description

Category 6 Premise Cross Connect Cable (250MHz), 4 Pair, 23 AWG Solid Bare Copper Conductors, U/UTP, Riser-CMR

Technical Specifications

Product Overview

Suitable Applications:	Cross-Connect, Interconnect

Construction Details

Conductor

Size	Stranding	Material	Number of Pairs
23 AWG	Solid	BC - Bare Copper	4

Insulation

Material	Color Code
PO+FEP - Polyolefin + Fluorinated Ethylene Propylene	White/Blue Stripe & Blue, White/Orange Stripe & Orange, White/Green Stripe & Green, White/Brown Stripe & Brown

Table Notes:	Overall Nominal Diameter: 0.185 in

Electrical Characteristics

High Frequency

Frequency [MHz]	Max. Insertion Loss (Attenuation)	Min. SRL (Structural Return Loss) [dB]	Max./Min. Fitted Impedance [Ohm]
0.772	1.8 dB/100m		102 ± 15
1	2.0 dB/100m	20	100 ± 15
4	3.7 dB/100m	23	100 ± 15
8	5.2 dB/100m	24.5	100 ± 15
10	5.8 dB/100m	25	100 ± 15
16	7.4 dB/100m	25	100 ± 15
20	8.3 dB/100m	25	100 ± 15
25	9.3 dB/100m	24.3	100 ± 15
31.25	10.4 dB/100m	23.6	100 ± 15
62.5	15.0 dB/100m	21.5	100 ± 15
100	19.3 dB/100m	20.8	100 ± 15
155	24.5 dB/100m	19.5	100 ± 15
200	28.3 dB/100m	18.7	100 ± 15
250	32.1 dB/100m	18	100 ± 15
300	35.6 dB/100m	17.5	100 ± 15

Mechanical Characteristics

Temperature

UL Temperature
60°C

Bend Radius

Stationary Min.	Installation Min.
1 in (25 mm)	1 in (25 mm)

Max. Pull Tension:	40 lbs (18 kg)
Bulk Cable Weight:	18 lbs/1000ft

Standards and Compliance

Flammability / Reaction to Fire:	UL 1685 (UL Loading)
CPR Compliance:	CPR UKCA Class: Eca
NEC / UL Compliance:	Cross-Connect
Data Category:	Category 6
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE), REACH: 2020-01-16
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	Third party verified to ANSI/TIA-568-C.2, Category 6

History

Update and Revision:	Revision Number: 0.379 Revision Date: 01-20-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
XCGB4 000A1000		Reel-in-Box	1,000 ft	612825300472
XCGB4 000A1000		Reel-in-Box	1,000 ft	612825300472
XCGB4 0001000	Black	Reel	1,000 ft	612825354956
XCGB4 0001000	Black	Reel	1,000 ft	612825354956

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