

XCGB4 Multi-Conductor - GigaBIX Cross-Connect Wire



For more Information
please call

1-800-Belden1



General Description:

CAT6 (250MHz), 4-Pair, U/UTP-Unshielded, Premise Cross-Connect Cable, 23 AWG solid bare copper conductors, Dual FRPO/FEP insulation

Usage (Overall)

Suitable Applications: Cross-Connect, Interconnect

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
4	23	Solid	BC - Bare Copper

Total Number of Conductors: 8

Insulation

Insulation Material:

Insulation Material
PO - Polyolefin

Overall Cable

Overall Cabling Color Code Chart:

Number	Color	AWG
1	Blue + White / Blue	23
1	Orange + White / Orange	23
1	Green + White / Green	23
1	Brown + White / Brown	23

Overall Nominal Diameter: 0.185 in.

Mechanical Characteristics (Overall)

UL Temperature Rating: 60°C

Bulk Cable Weight: 27 lbs/1000 ft.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC(UL) Specification: UL444

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 08/19/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MIL Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: UL1685 UL Loading

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics-Premise (Overall)

Premise Cable Electricals:

Freq. (MHz)	Max. Attenuation (dB/100 m)	Min. SRL (dB)	Fitted Imp. (Ohms)
0.772	1.800		102 ± 15
1.0	2.000	20.0	100 ± 15

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4.0	3.700	23.0	100 ± 15
8.0	5.200	24.5	100 ± 15
10.0	5.800	25.0	100 ± 15
16.0	7.400	25.0	100 ± 15
20.0	8.300	25.0	100 ± 15
25.0	9.300	24.3	100 ± 15
31.25	10.400	23.6	100 ± 15
62.5	15.000	21.5	100 ± 15
100.0	19.300	20.8	100 ± 15
155.0	24.500	19.5	100 ± 15
200.0	28.300	18.7	100 ± 15
250.0	32.100	18.0	100 ± 15
300.0	35.600	17.5	100 ± 15

Notes (Overall)

Notes: Third party verified to ANSI/TIA-568-C.2, Category 6.

Reference (Overall)

Previous Part Number: 24577B15, 24570521

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
XCGB4 000A1000	1,000 FT	21.000 LB	NONE		GIGABIX 4PR X-CONN RIB
XCGB4 000I1000	1,000 FT	20.000 LB	NONE		GIGABIX 4PR X-CONN REEL

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