

## XCGB4 Multi-Conductor - GigaBIX Cross-Connect Wire



For more Information  
please call

1-800-Belden1



### Description:

24 AWG solid bare copper conductors, twisted pairs, polyolefin underlayer and FEP overlayer insulation.

### Usage (Overall)

**Suitable Applications:** Cross-Connect, Interconnect

### Physical Characteristics (Overall)

#### Conductor

**AWG:**

# Pairs	AWG	Stranding	Conductor Material
4	24	Solid	BC - Bare Copper

#### Insulation

**Insulation Material:**

Insulation Material
PO - Polyolefin

#### Overall Cable

**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

**MII 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

## XCGB4 Multi-Conductor - GigaBIX Cross-Connect Wire

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	22.000 LB	NONE		GIGABIX 4PR X-CONN RIB
XCGB4 000I000	1,000 FT	20.000 LB	NONE		GIGABIX 4PR X-CONN REEL

Revision Number: 0    Revision Date: 12-16-2011

© 2012 Belden, Inc  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale. Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.