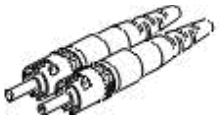
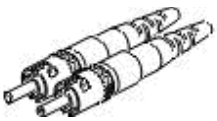
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

AX200795 Cable Assemblies - FiberExpress Duplex Patch Cord





For more Information please call

1-800-Belden1

Description:

FiberExpress Duplex Patch Cord, ST-ST, PC-Polish, 3m (9ft 10in), Multimode, OM3, 50um Laser Optimized

Usage (Overall)

Suitable Applications:	Data Centers, Main Equipment Rooms,Telecommunications Rooms and Work Area
Related Parts:	FiberExpress Adapter Strips, FiberExpress Manager Modules and FiberExpress Ultra Frames and Cassettes. Workstation Oultlets

Multi Conductor

Physical Characteristics

Overall Cabling

Overall Cabling Fillers:	Refer to cable Technical Specifications

Overall Diameter

Overall Nominal Diameter:	0.118 x 0.236 in.

Physical Characteristics (Connectivity)

Fiber Type

Fiber Type:	50 Micron (OM3)

Materials

Materials:

Description	Type	Material	Color
Connector end 1	ST	Metal	
Boot end 1		Rubber	Gray
Ferrule end 1	2.5mm	Zirconia-Ceramic	White
Connector end 2	ST	Metal	
Boot end 2		Rubber	Gray
Ferrule end 2	2.5mm	Zirconia-Ceramic	White
Jacket	3.0 mm Zip	OFNR	Aqua

Wiring Scheme

Wiring Scheme:	TIA/EIA 568-C.3

Weight

Weight:	0.150 lbs.

Packaging

Packaging:	Individually packaged in a clear plastic bag.

Mechanical Characteristics (Connectivity)

Storage Temperature Range:	-40°C To +75°C
Operating Temperature Range:	-40°C To +75°C

Environmental/Mechanical Characteristics:

Test (Method)	TIA 568-C.3	Belden
Thermal Cycling (FOTP-3)	n/a	-40 to 75°C cycling for 7 days
Temperature Life (FOTP-4)	60°C for 4 days	85°C for 7 days

Humidity (FOTP-5)	90-95% a40°C for 4 days	95% a75°C for 7 days
Durability (FOTP-21)	500 cycles	6 x 200 cycles (3 Elevations)
Cable Retention (FOTP-6)	5.0 kg @ 0 deg., 1.94 kg @90 deg.	6.8 kg @ 0 deg., 3.4 kg @ 90 deg.
Flex (FOTP-1)	0.5 kg @ 90° to -90° for 100 cycles	0.9 kg @ =90° to -90° for 100 cycles
Twist (FOTP-36)	1.5 kg for 10 cycles	1.5 kg for 10 cycles

Overall Length Tolerances:

Range	Max. Length Tolerance	Min. Length Tolerance
0 - 2m	0.2m	-0.0m
2.1 - 4.9m	0.3m	-0.0m
5 - 40m	0.4m	-0.0m
Over 40m	1.0 percent	-0.0 percent

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL Rating:	Riser
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2006
MII Order #39 (China RoHS):	EUP 50
Telecommunications Standards:	TIA 568.C.3
Safety Listing:	ACA, Bi-national Standard Listed

Suitability

Suitability - Indoor:	Yes

Transmission Characteristics (Connectivity)

Optical Connector Performance:

Description	Multimode PC Polish	Single-mode SPC Polish	Single-mode UPC Polish	Single-mode APC Polish
Maximum Insertion Loss (dB)	0.5	0.5	0.5	0.5
Minimum Reflectance (dB)	-20	-40	-55	-65

Notes (Overall)

Product Family

Product List:

Description	Belden Part Number Multimode - OM1 - 62.5 µm	Belden Part Number Multimode - OM2 - 50 µm	Belden Part Number Multimode - OM3 - 50 µm	Single-mode - OS2
Duplex Patch Cord				
ST-ST - 2 m (6 ft.)	70102419	AX200341	AX200799	AX200090
ST-ST - 3 m (10 ft.)	70102420	AX200459	AX200795	AX200091
ST-ST - 5 m (16 ft.)	70102447	AX200413	AX200800	AX200092
568SC-568SC - 2 m (6 ft.)	AX200056	AX200084	AX200603	AX200094
568SC-568SC - 3 m (10 ft.)	AX200057	AX200082	AX200589	AX200095
568SC-568SC - 5 m (16 ft.)	AX200058	AX200280	AX200624	AX200096
LC duplex-LC duplex - 2 m (6 ft.)	AX200517	AX200527	AX200664	AX200507
LC duplex-LC duplex - 3 m (10 ft.)	AX200518	AX200528	AX200665	AX200508
LC duplex-LC duplex - 5 m (16 ft.)	AX200519	AX200529	AX200666	AX200509
MTRJ-MTRJ - 2 m (6 ft.)	AX101122	AX101139	AX200801	AX101157
MTRJ-MTRJ - 3 m (10 ft.)	AX101123	AX101138	AX200802	AX101156
MTRJ-MTRJ - 5 m (16 ft.)	AX101125	AX101137	AX200803	AX101155
Hybrid Patch Cord				
568SC-ST - 3 m (10 ft.)	AX200060	AX200196	AX200900	AX200421
LC duplex-ST - 3 m (10 ft.)	AX200699	AX200695	AX200809	AX200698
LC duplex-568SC - 3 m (10 ft.)	AX200580	AX200581	AX200668	AX200667
MTRJ-ST - 3 m (10 ft.)	AX101133	AX101151	AX200810	AX101166
MTRJ-568SC - 3 m (10 ft.)	AX101128	AX101143	AX200797	AX101161

AX200795 Cable Assemblies - FiberExpress Duplex Patch Cord

Single-ended (pigtails)				
ST-open - 2 m (6 ft.)	70100390	AX200458	AX200811	AX200097
SC-open - 2 m (6 ft.)	70101714	AX200192	AX200653	AX200098
LC-open - 2 m (6 ft.)	AX200657	AX200658	AX200660	AX200659
MTRJ(m)-open - 3 m (10 ft.)	AX101366	AX101367	AX200812	AX101368

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc

Revision Number: 0 Revision Date: 05-12-2009

© 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.

Стандарт Электрон Связь

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331