

Breakout cable, factory-terminated



Features & Benefits

- Cable for indoor applications
- Single core diameter: approx. 2mm
- Jacket color: yellow
- Applicable standards: ISO 11801 2nd edition, EN 187 000, IEC 60794-2, IEC 60794-2-20, EN 50 173-1
- Flame retardancy: IEC 60332-1-2, IEC 60754-1, IEC 60754-2, IEC 61034-2
- Cable length on request 100% optical control of all connectors (enlargement 400x)
- 100% insertion loss measurement according to IEC 61300-3-4 method B
- 100% return loss measurement according to according to IEC 61300-3-6
- Each value documented on a measurement report
- Interferometric measurement, inspection of ferrule end face geometry (random inspection)
- Each cable is packed in a plastic bag (closed) with a measurement report



Overview

PPC fiber optic breakout cables are rugged, high performance optical communication cables suitable for inside plant installations. fiber optic breakout cable contains multiple individual strands each with their own aramid strength member and jacket which makes the cable more robust and reliable. Breakout cables are often used to connect two different locations or racks in a data center or central office. Rather than installing multiple individual patch cords, it is more cost effective and faster to install one high fiber-count cable. These cables can be factory assembled with connectors of your choice.

Technical Data

Number of fibers / Diameter	Fiber type
<i>mm</i>	
4 (7.5); 6 (9); 8 (10.5); 12 (12.5); 16 (13); 24 (15)	G.652.D, G.657.A1

Grade C, B	Polishing type
According to IEC 61753	PC, APC 8°, APC 9° (only SC)

Tails length	Cascading
Freely selectable	Freely selectable

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Environmental Data

Operating temperature	Free of halogen	2011/65/EC RoHS
°C		
-10 to +60	Yes	Fully compliant

Ordering Information

Example	BOS	0	4	3	1	3	1	3	5	0	0	1	0	5	0	1
		1	2	3	4	5	6	7	8	9						

1 Fiber Quantity

04 = 4 fibers
06 = 6 fibers
12 = 12 fibers
16 = 16 fibers
24 = 24 fibers

2 Connector type end A (left side)

31 = SC Simplex connector
34 = SC Duplex connector
11 = LC Simplex connector
14 = LC Duplex connector
41 = E-2000™ Simplex connector
44 = E-2000™ Duplex connector

3 Connector type end B (left side)

See options from Side A table (2.)

4 Fiber Type

35 = Singlemode G652D
36 = Singlemode G657A1
37 = Singlemode G657A2

5 Cable jacket material

0 = LSZH
1 = Plenum
2 = Riser
3 = PVC

6 Tail configuration

0 = Straight
1 = Cascaded (to fit inside pulling aid)

7 Tail length in centimeters (shortest tail if cascaded)

1 = 50 cm (1,63 feet)
2 = 100 cm (3,27 feet)

8 Total Cable length

050 = 50
999 = 999

9 Length measure

1 = Meters
2 = Feet