

Indoor Mini-Distribution Euroclass Bca & Cca Cable



Features & Benefits

- ITU-T G657A1 & G657A2 optical fiber
- Waterblocking Aramid Yarns
- Flame retardant, LSZH jacket available in white and yellow colors
- For indoor use in risers and horizontal cabling to apartments and offices
- Pullable, and blowable for routing into building ducts and conduits
- EN CPR (Construction Products Regulation) Bca (s1a; d1; a1) & Cca (s1a; d1; a1) rated
- UV Stable and Lightweight (8kg/km)
- Small Diameter (3 mm for 2-12 fibers)



Overview

Rated both Bca & Cca in accordance with EN 50575:2014+A1:2016, PPC's mini-distribution fiber cable is a low fire hazard product. With low flame spread and zero droplets, it is the ideal cable solution in areas with high fire risks such as public and multi-dwelling buildings, escape routes and corridors.

The cable is a tough, flexible cable for use in risers as well as horizontal cabling and as a customer drop cable. It is easy to install in ducts and other conduits.

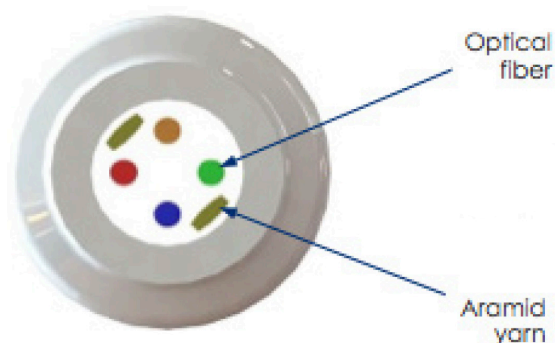
Applications

- FTTH / FTTX indoor
- MDU and (SDU)
- Telecoms, data infrastructure and transportation

Technical Data

Transmission Performance Specification

Fiber Performance		
Type	Single-mode	
Specification	G657A1	G657A2
Max. Attenuation 1310 nm / 1550 nm	≤ 0.40 dB/km / 0.35 dB/km	
Min. Bend Radius	Attenuation dB at 1550 nm	
10 turns at 15mm	0.20	0.03
1 turn at 10mm	0.75	0.10
1 turn at 7.5mm	~	0.50



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Mechanical Performance Specification

Cable Dimensions	Tensile Performance	Impact Performance
Cable Jacket O.D.	Max. Install Tension	<0.05dB change
(mm)	(N)	(N. m)
3.0	140	2

Bend Performance		Crush Resistance	
Installation Min. Bend Radius	Operating Min. Bend Radius	Recoverable Jacket Damage	<0.05 dB Attenuation
(mm)	(mm)	(N)	(N)
45	30	1500	3000

Temperature Performance		
Operating Range	Installation Range	Storage Range
0 °C to 70 °C	-5 °C to 50 °C	-25 °C to 70 °C

Ordering Information

Fiber Type (ITU-T) ²	Fiber Count	CPR Code	Descriptive Code ³	Standard SKU ^{1,4}
G657A1	2	Cca	IMD-C-023-LSZH-WHT-A1-250	10-1509-2F
G657A1	4	Cca	IMD-C-043-LSZH-WHT-A1-250	10-1509-4F
G657A1	6	Cca	IMD-C-063-LSZH-WHT-A1-250	10-1509-6F
G657A1	8	Cca	IMD-C-083-LSZH-WHT-A1-250	10-1509-8F
G657A1	12	Cca	IMD-C-123-LSZH-WHT-A1-250	10-1509-12F
G657A2	2	Cca	IMD-C-023-LSZH-WHT-A2-250	10-1510-2F
G657A2	4	Cca	IMD-C-043-LSZH-WHT-A2-250	10-1510-4F
G657A2	6	Cca	IMD-C-063-LSZH-WHT-A2-250	10-1510-6F
G657A2	8	Cca	IMD-C-083-LSZH-WHT-A2-250	10-1510-8F
G657A2	12	Cca	IMD-C-123-LSZH-WHT-A2-250	10-1510-12F
G657A1	2	Bca	IMD-B-023-LSZH-WHT-A1-250	10-1511-2F
G657A1	4	Bca	IMD-B-043-LSZH-WHT-A1-250	10-1511-4F
G657A1	6	Bca	IMD-B-063-LSZH-WHT-A1-250	10-1511-6F
G657A1	8	Bca	IMD-B-083-LSZH-WHT-A1-250	10-1511-8F
G657A1	12	Bca	IMD-B-123-LSZH-WHT-A1-250	10-1511-12F
G657A2	2	Bca	IMD-B-023-LSZH-WHT-A2-250	10-1512-2F
G657A2	4	Bca	IMD-B-043-LSZH-WHT-A2-250	10-1512-4F
G657A2	6	Bca	IMD-B-063-LSZH-WHT-A2-250	10-1512-6F
G657A2	8	Bca	IMD-B-083-LSZH-WHT-A2-250	10-1512-8F
G657A2	12	Bca	IMD-B-123-LSZH-WHT-A2-250	10-1512-12F

NOTES:

- Standard SKU length is 2000m
- Also available with B3 fiber
- Replace 'WHT' with YEL for the YELLOW colour
- For the YELLOW colour add '-YL' to the Standard SKU code

This product may be protected by one or more patents • For further information, please visit: www.ppc-online.com/patents

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