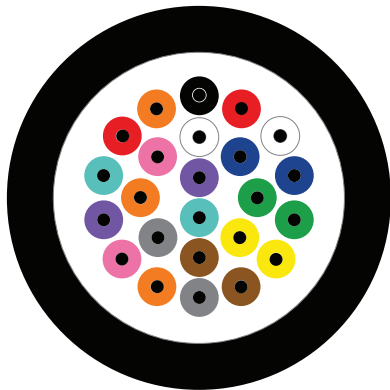


## Premise Distribution Cables, EuroClass B2ca & OFNR

### APPLICATION

Leviton Premise Distribution Cables (PDCs) offer up to 24 tight-buffered fibers in a compact cable construction. The product range is designed using non-wicking yarns and UV stable halogen-free flame retardant (HFFR-LS) sheathing material as standard. Leviton PDCs (EuroClass B2ca and OFNR) also have optimum levels of protection for smoke emission, flaming droplets, and acid gas production, making them a versatile choice for internal installations where people safety in the event of a fire is a priority. Leviton PDCs are designed for use in structured cabling installations, including data centers, LANs, SANs, longer-length backbones, campus installations, indoor/outdoor duct installations, and building risers.



### BENEFITS

- Flexible strength members in the form of glass yarns for improved installation preparation time and rodent resistance
- Enhanced HFFR-LS and UV stable jacket as standard
- EuroClass B2ca exceeds the performance of EuroClass Cca, Dca, and Eca and can be used in applications where these are specified
- Exceeds the mechanical and environmental performance defined by IEC 60794-2-20

### FEATURES

- 2-24 HFFR-LS (Halogen Free Flame Retardant – Low Smoke) tight-buffered fibers – color-coded according to TIA-598-D
- Customizable fiber selection including single-mode, multimode and hybrid versions to suit a variety of applications
- UL Riser rated (OFNR)

### STANDARDS & REGULATIONS

- Applicable Cable Standards: IEC 60794-2-20
- Test Standards: IEC 60794-1-21 and IEC 60794-1-22

### FIRE RATING

See page 2

### COUNTRY OF ORIGIN

UK

### WARRANTY INFORMATION

For Leviton product warranties, go to [leviton.com/ns/warranty](http://leviton.com/ns/warranty)

**PRODUCT SPECIFICATIONS**  
**Premise Distribution Cables, EuroClass B2ca & OFNR**

**TEMPERATURE PERFORMANCE**

**Installation Characteristics**

Temperature (Installation):	-10 °C to 60 °C
Temperature (Operating):	-20 °C to 60 °C
Temperature (Storage):	-20 °C to 60 °C

**REACTION TO FIRE**

**Characteristics**

	IEC STANDARD	EN STANDARD	UL RATING	UL RATING
Classification / EuroClass	—	EN 13501-6	—	B2ca s1a d0 a1
Single Cable Flame Rating	IEC 60332-1-2	EN 60332-1-2	—	Pass
Smoke Emission	—	EN 50399	—	s1a
Acid Gas Emission	IEC 60754	EN 60754	—	Pass
Bundled Cable Flame Rating	IEC 60332-3-24	EN 60332-3-24	UL 1666 Riser	—

**TECHNICAL SPECIFICATIONS**

**Mechanical Performance**

Fiber Count	Max. Long Term Load (N)	Max. Short Term Load (N)	Min. Static Bend	Min. Dynamic Bend	Max. Crush (N)	Max. Impact (Nm)	Max. Torsion (Turns ± 180°)
2-6	400	1000	10x Cable Diameter	15x Cable Diameter	1000	5	5
8	441	1500					
12	519	1600					
16	608	2000					
24	765	2300					

**TECHNICAL SPECIFICATIONS**

**Physical Performance**

Fiber Count	Nom. Buffer Diameter (mm)	Nom. Cable Diameter (mm)	Nominal Cable Weight (kg/km)
2	0.9	5.7	36
4		5.9	40
6		6.3	45
8		6.9	53
12		7.5	62
16		8.1	72
24		9.3	89

**PRODUCT SPECIFICATIONS**  
**Premise Distribution Cables, EuroClass B2ca & OFNR**



Premise Distribution Cables, EuroClass B2ca & OFNR

FIBER IDENTIFICATION								
Fiber Identifier*	008	108	208	062	050	OM3	OM4	OM5
IEC 60793 Reference	2-50-B1.3	2-50-B6_a	2-50-B6_a	2-10-A1b	2-10-A1a.1	2-10-A1a.2	2-10-A1a.3	2-10-A1a- OM5
ITU-T Recommendation	G.652.D	G.657.A1	G.657.A2	N/A	G.651.1	G.651.1	G.651.1	G.651.1
ISO/IEC 11801 Category	OS1a/OS2	OS1a/OS2	OS1a/OS2	OM1	OM2	OM3	OM4	OM5

PACKAGING AND PART NUMBERS						
Part Number Prefix	Reel Size (flange x width mm)		Gross Weight (kg/reel)		Reels per Pallet	
	2km	4km	2km	4km	2km	4km
GF*PDC02LU-B2ca	915 x 460	915 x 460	83	143	2	2
GF*PDC04LU-B2ca	915 x 460	915 x 460	89	155	2	2
GF*PDC06LU-B2ca	915 x 460	915 x 460	98	174	2	2
GF*PDC08LU-B2ca	915 x 460	1070 x 510	113	214	2	2
GF*PDC12LU-B2ca	915 x 460	1070 x 510	129	245	2	2
GF*PDC16LU-B2ca	915 x 460	1070 x 510	147	282	2	2
GF*PDC24LU-B2ca	1070 x 510	1200 x 700	189	348	2	1

\* Fiber Identifier e.g. "008" for G.652.D fiber

For further support information, visit [leviton.com/ns/support](http://leviton.com/ns/support)

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