

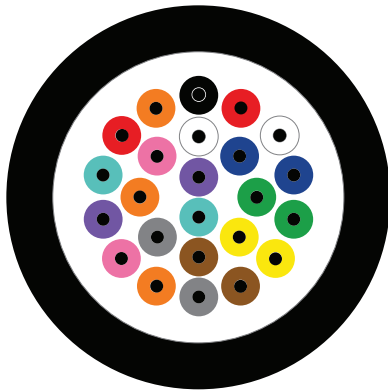
PRODUCT SPECIFICATIONS

Premise Distribution Cables, Euroclass B2ca & OFNR

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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.



COUNTRY OF ORIGIN

UK

WARRANTY INFORMATION

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

FEATURES & BENEFITS

- 2-24 HFFR-LS 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

- IEC 60794-2-20
- IEC 60794-1-21
- IEC 60794-1-22

FIRE RATING

See page 2

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TECHNICAL SPECIFICATIONS

Construction

Type of cable	Tight Buffer
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Usage Characteristics

Temp. (Storage):	-20 °C to +60 °C (-4 °F to +140 °F)
Temp. (Installation):	-10 °C to +60 °C (10 °F to +140 °F)
Temp. (Operating):	-20 °C to +60 °C (-4 °F to +140 °F)

TECHNICAL SPECIFICATIONS

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

REACTION TO FIRE

Characteristics	IEC Standard	EN Standard	Rating
Single Cable Flame Rating	IEC 60332-1-2	—	Pass
Smoke Emission	—	EN 50399	s1a
Acid Gas Emission	—	EN 50267-2-3	Pass
Bundled Cable Flame Rating	IEC 60332-3-24	EN 60332-3-24	B2ca
Classification / Euroclass	—	EN 13501-6	B2ca s1a d0 a1

TECHNICAL SPECIFICATIONS

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°)	Nom. Buffer Diameter (mm)
2-6	400	1000	10x Cable Diameter	15x Cable Diameter	1000	5	5	0.9
8	441	1500						
12	519	1600						
16	608	2000						
24	765	2300						

FIBER IDENTIFICATION

Fiber Identifier	108	208	062	OM3	OM4	OM5
IEC 60793 Reference	2-50-B6_a	2-50-B6_a	2-10-A1b	2-10-A1a.2	2-10-A1a.3	2-10-A1a-OM5
ITU-T Recommendation	G.657.A1	G.657.A2	N/A	G.651.1	G.651.1	G.651.1
ISO/IEC 11801 Category	OS1a/OS2	OS1a/OS2	OM1	OM3	OM4	OM5

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PART NUMBERS - REELS

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. "108" for G.652.D fiber

PART NUMBER CONFIGURATOR

Sample Part Number: [GF](#) [108](#) [PDC](#) [04](#) [LU](#) - [B2ca](#)

DESIGN	FIBER TYPE		CONSTRUCTION		FIBER COUNT	OUTER SHEATH		EUROCLASS
GF	108	SM G657A1	PDC	Premise Distribution Cable	02	LU	HFFR-LS	B2ca
	208	SM G657A2			04			
	062	MM OM1			06			
	OM3	MM OM3			08			
	OM4	MM OM4			12			
	OM5	MM OM5			16			
					24			

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

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