

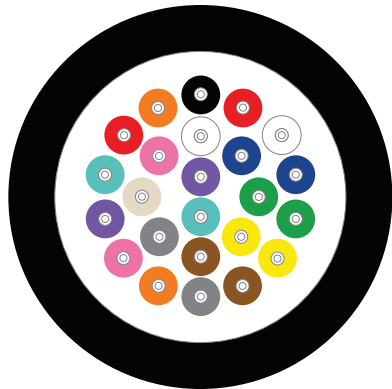
## PRODUCT SPECIFICATIONS

### Premise Distribution Cables, EuroClass Eca

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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 with non-wicking yarns and UV stable halogen-free flame-retardant low-smoke (HFFR-LS) sheathing material as standard. These cables are suitable for use in structured cabling installations, including data centers, LANs, SANs, and longer length backbones.



### COUNTRY OF ORIGIN

UK

### WARRANTY INFORMATION

For Leviton product warranties, go to [Leviton.com/NS/Warranty](https://www.leviton.com/NS/Warranty)

### FEATURES & BENEFITS

- 2-24 Halogen-free flame-retardant low-smoke (HFFR-LS) jacketed 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
- Flexible strength members in the form of high-tensile yarns for improved installation preparation time
- Exceeds the mechanical and environmental performance defined by IEC 60794-2-20
- Black UV Stable HFFR-LS material meets the requirements of the Construction Products Regulation (CPR) EuroClass Eca
- CE and UKCA marked for CPR

### STANDARDS & REGULATIONS

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

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**TECHNICAL SPECIFICATIONS**

Construction	
Type of cable	Tight Buffer
Jacket material	HFFR-LS Sheathing
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)

**REACTION TO FIRE**

Characteristics	
Material Identifier	<b>LU</b>
Material Description	Standard HFFR-LS
Flammability Rating	IEC 60332-1-2
Fire EuroClass EN13501-6	Eca
Acid Gas Emission	IEC 60754-2
Color	Black

**TECHNICAL DATA - PHYSICAL**

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)	Nom. Cable Diameter (mm)	Nominal Cable Weight (kg/km)
2	400	1000	10x Cable Diameter	15x Cable Diameter	1000	5	5	0.9	5.3	30
4	400	1000							5.5	33
6	400	1000							5.9	38
8	441	1500							6.5	45
12	519	1600							7.1	53
16	608	2000							7.7	62
24	765	2300							8.9	78

**FIBER IDENTIFICATION**

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

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PACKAGING						
Fiber Count	Reel Size (flange x width mm)		Gross Weight (kg/reel)		Reels per Pallet	
	2km	4km	2km	4km	2km	4km
2	710 x 390	915 x 460	77	143	3	2
4	710 x 390	915 x 460	83	155	3	2
6	915 x 460	915 x 460	98	174	2	2
8	915 x 460	1070 x 510	113	214	2	2
12	915 x 460	1070 x 510	129	245	2	2
16	915 x 460	1070 x 510	149	286	2	2
24	915 x 460	1200 x 700	179	348	2	1

**PART NUMBER CONFIGURATOR**

Sample Part Number: [GF OM4 PDC 24 LU - Eca](#)

DESIGN	FIBER TYPE		CONSTRUCTION		FIBER COUNT	OUTER SHEATH		EUROCLASS
GF	008	SM G652D	PDC	Premise Distribution Cable	02	LU	HFFR-LS	Eca
	108	SM G657A1			04			
	208	SM G657A2			06			
	062	MM OM1			08			
	OM3	MM OM3			12			
	OM4	MM OM4			16			
	OM5	MM OM5			24			

For further support information, visit [Leviton.com/NS/Support](http://Leviton.com/NS/Support)

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