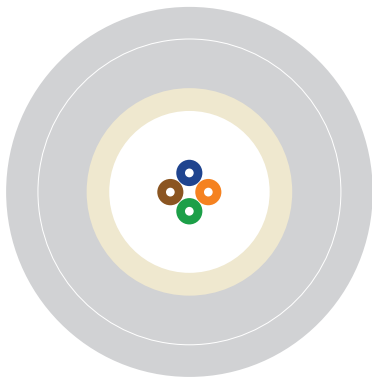


Mini Unitube Cables

APPLICATION

For Fiber to the Home (FTTH) and short-run backbone applications, the Mini Unitube cable range has been designed to be lightweight, flexible, compact, and completed with a white sheath to be discrete in the home.



FEATURES & BENEFITS

- 2 or 4 fiber counts – color-coded according to TIA-598-D
- Customizable fiber selection including Single-Mode, OM1, OM3, OM4, OM5 and hybrid versions to suit a variety of applications
- Single gel-filled loose-tube to block the ingress of water
- Glass yarn armoring in the form of high tensile yarns to offer strength and basic rodent protection
- Halogen Free Flame Retardant Low-Smoke (HFFR-LS) versions meet the requirements of the Construction Products Regulation (CPR) Euroclass Eca
- CE marked for CPR

STANDARDS & REGULATIONS

- ISO/IEC 11801
- IEC 60794
- BS EN 50173-1
- IEC 60794-1-21
- IEC 60794-1-22
- IEC 60794 -1-22-F5C

COUNTRY OF ORIGIN

UK

WARRANTY INFORMATION

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

HFxxxUNIxxxxLU-Eca

PRODUCT SPECIFICATIONS

HFxxxUNIxxxxLU-Eca

TECHNICAL SPECIFICATIONS

Construction

Type of cable	Loose Tube
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Usage Characteristics

Temp. (Storage):	-20 °C to +70 °C (-4 °F to +158 °F)
Temp. (Installation):	-10 °C to +40 °C (+14 °F to +104 °F)
Temp. (Operating):	-20 °C to +60 °C (-4 °F to +140 °F)

REACTION TO FIRE

Characteristics	IEC Standard	EN Standard	CPR Rated Product
Material Description	—	—	HFFR-LS
Single Cable Flame Rating	IEC 60332-1-2	EN 60332-1-2	Pass
Classification / Euroclass	—	EN 13501-6	Eca

TECHNICAL SPECIFICATIONS

Fiber Count	Max. Long Term Load (N)	Max. Short Term Load (N)	Min. Static Bend Radius (mm)	Min. Dynamic Bend Radius (mm)	Max. Crush (N)	Max. Impact (Nm)	Max. Torsion (Turns ± 180°)	Nom. Tube Diameter (mm)	Nom. Cable Diameter (mm)	Nominal Cable Weight (kg/km)
2-4	100	400	10x Cable Diameter	15x Cable Diameter	1000	1	5	1.9	3.4	11

OPTICAL PERFORMANCE

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 A1-OM5
ITU-T Recommendation	G.657.A1	G.657.A2	—	G.651.1	G.651.1	G.651.1
ISO/IEC 11801 Category	OS1a/OS2	OS1a/OS2	OM1	OM3	OM4	OM5
Effective Modal Bandwidth @850nm (MHz.km)	—	—	—	≥2000	≥4700	≥4700
Overfilled Launch Bandwidth @850nm (MHz.km)	—	—	—	≥1500	≥3500	≥3500
Attenuation @850nm (dB/km)	—	—	—	≤2.80	≤2.80	≤2.80
Attenuation @1300nm (dB/km)	—	—	—	≤0.80	≤0.80	≤0.80
Attenuation @1310nm (dB/km)	≤0.38	≤0.38	—	—	—	—
Attenuation @1550nm (dB/km)	≤0.25	≤0.25	—	—	—	—

PACKAGING

Fiber Count	Reel Size (flange x width mm)		Gross Weight (kg/reel)		Reels per Pallet	
	2km	4km	2km	4km	2km	4km
2-4	710 x 380	710 x 380	38	60	3	3

PRODUCT SPECIFICATIONS
HFxxxUNIxxxxLU-Eca



PART NUMBER CONFIGURATOR

Sample Part Number: [HF](#) [OM4](#) [UNI](#) [19](#) [04](#) [LU](#) - [Eca](#)

DESIGN	FIBER TYPE		CONSTRUCTION		FIBER COUNT	OUTER SHEATH		EUROCLASS
HF	108	SM G657A1	UNI	Unitube	02	LU	HFFR-LS	Eca
	208	SM G657A2			04			
	062	MM OM1						
	OM3	MM OM3						
	OM4	MM OM4						
	OM5	MM OM5						

HFxxxUNIxxxxLU-Eca

PART NUMBERS	
Description	Part No.
2 Fiber Mini Unitube, Single-Mode G.657.A1, Universal LSHF/LSZH, Euroclass Eca	HF108UNI1902LU-Eca
4 Fiber Mini Unitube, Single-Mode G.657.A1, Universal LSHF/LSZH, Euroclass Eca	HF108UNI1904LU-Eca
2 Fiber Mini Unitube, Multimode OM3, Universal LSHF/LSZH, Euroclass Eca	HFOM3UNI1902LU-Eca
4 Fiber Mini Unitube, Multimode OM3, Universal LSHF/LSZH, Euroclass Eca	HFOM3UNI1904LU-Eca
2 Fiber Mini Unitube, Multimode OM4, Universal LSHF/LSZH, Euroclass Eca	HFOM4UNI1902LU-Eca
4 Fiber Mini Unitube, Multimode OM4, Universal LSHF/LSZH, Euroclass Eca	HFOM4UNI1904LU-Eca
2 Fiber Mini Unitube, Multimode OM5, Universal LSHF/LSZH, Euroclass Eca	HFOM5UNI1902LU-Eca
4 Fiber Mini Unitube, Multimode OM5, Universal LSHF/LSZH, Euroclass Eca	HFOM5UNI1904LU-Eca

For further support information, visit [Leviton.com/ns/support](#)