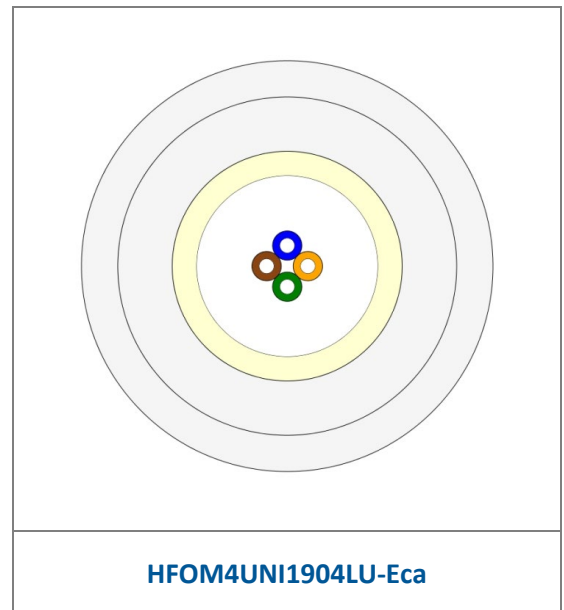## APPLICATION

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 AND BENEFITS

- 2 or 4 Fiber counts – color-coded according to TIA-598-D
- Customizable fiber selection including single-mode, multimode and hybrid versions to suit a variety of applications
- Single gel-filled loose-tube
- Glass yarn armoring in the form of high tensile yarns to offer strength and basic rodent protection
- Available in HFFR-LS* sheath which meets the requirements of the Construction Products Regulation (CPR) EuroClass Eca
- Included in the Leviton Limited 25-Year System Warranties when used in conjunction with Leviton connectivity. System warranties are available for qualified projects installed by certified contractors

Halogen Free Flame Retardant – Low Smoke

HFOM4UNI1904LU-Eca

STANDARDS

Applicable Cable Standards:	ISO/IEC 11801, IEC 60794 and BS EN 50173-1
Test Standards:	IEC 60794-1-21 and IEC 60794-1-22
Water Penetration:	IEC 60794 -1-22-F5C

FIBER IDENTIFICATION

Fiber Identifier*	008	108	208	062	050	OM3	OM4
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
ITU-T Recommendation	G.652.D	G.657.A1	G.657.A2	N/A	G.651.1	G.651.1	G.651.1
ISO/IEC 11801 Category	OS1/OS2	OS1/OS2	OS1/OS2	OM1	OM2	OM3	OM4

MATERIAL IDENTIFICATION

Material Identifier**	**LU**
Material Description	Universal HFFR-LS
Flammability Rating	IEC 60332-1-2
Fire EuroClass EN13501-6	Eca
Acid Gas Emission	IEC 60754-2
Color	White

PHYSICAL CHARACTERISTICS

Fiber Count	Nom. Tube Diameter (mm)	Nom. Cable Diameter (mm)	Nom. Cable Weight (kg/km)
		LU	**LU**
2	1.9	3.4	11.0
4	1.9	3.4	11.0

MECHANICAL PERFORMANCE

Fiber Count	Max. Long Term Load (N)	Max. Short Term Load (N)	Min. Static Bend (mm)	Min. Dynamic Bend (mm)	Max. Crush (N)	Max. Impact (Nm)	Max. Torsion (Turns ± 180º)
2-4	100	400	10 x Cable Diameter	15 x Cable Diameter	1000	1	5

TEMPERATURE PERFORMANCE

Fiber Count	Operational Temperature Range	Storage Temperature Range	Installation Temperature Range
2-24	-20°C to + 60°C	-20°C to + 70°C	-10°C to + 40°C

PACKAGING INFO

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

PART NUMBER CONFIGURATOR

<u>**a**</u> - <u>**b**</u> - **UNI** - **19**<u>**c**</u> - <u>**d**</u> - **Eca**

a = **HF** for standard design

c = 2-digit fiber count
e.g "**02**" for 2 fiber cable

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

d = Material Identifier**
e.g "**LU**" for standard LSHF

Example part number: HFOM4UNI1904LU-Eca.

COUNTRY OF ORIGIN

COO: United Kingdom

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*"Leviton is **dedicated** to **designing**, **developing** and **manufacturing**
sustainable **high performance** structured cabling and specialty **cabling solutions**"*

The information contained in this document is valid and correct at the time of issue. Leviton reserves the right to modify details without notice in light of subsequent standard/specification changes and ongoing technical developments.