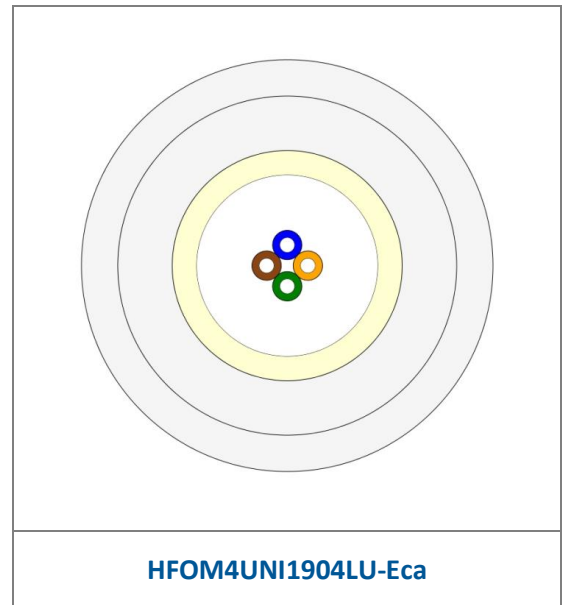


APPLICATION

For Fibre 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 Fibre Counts - colour coded according to TIA-598-D
- Customisable Fibre Selection - Single-Mode, Multi-Mode and hybrid versions to suit a variety of applications
- Single Gel Filled Loose Tube
- Glass Yarn Armouring - in the form of high tensile yarns to offer strength and basic rodent protection
- Available in Halogen Free Flame Retardant Low Smoke (HFFR-LS) sheath which meets the requirements of the Construction Products Regulation (CPR) Euroclass Eca
- Included in the Leviton and Brand-Rex 25 Year System Warranties when used in conjunction with Leviton or Brand-Rex connectivity. System warranties available for qualified projects installed by certified contractors.



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

FIBRE IDENTIFICATION

Fibre 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
Colour	White

Optical Mini Unitube Cables

Datasheet: GD102527v4

Brand-Rex a **LEVITON** company

PHYSICAL CHARACTERISTICS

Fibre 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

Fibre 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 $\pm 180^\circ$)
2-4	100	400	10 x Cable Diameter	15 x Cable Diameter	1000	1	5

TEMPERATURE PERFORMANCE

Fibre 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

PRINT LEGEND

Example print legend:

[Length Mark]m BRAND-REX a LEVITON company OPTICAL FIBRE CABLE HF108UNI1902LU-Eca 2 FIBRE SM G657A1 IEC 60332-1-2 Euroclass Eca MADE IN UK [ID number] [Week/Year]

PACKAGING INFO

Fibre 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

a - **b** - **UNI** - 19**c** - **d** - **Eca**

a = **HF** for standard design

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

b = Fibre Identifier*
e.g. "**008**" for G.652.D fibre

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

Example part number: HFOM4UNI1904LU-Eca.

*"Brand-Rex is **dedicated to designing, developing and manufacturing** sustainable **high performance** structured cabling and speciality **cabling solutions**"*

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