

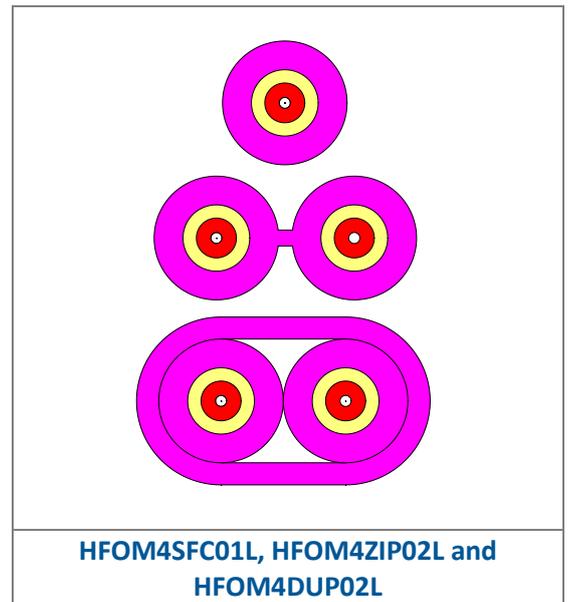
APPLICATION

The Brand-Rex Optical Patch Cable family offers a range of single and dual tight buffered fibres in a compact cable construction. The product range is designed using non wicking yarns and UV stable Halogen Free Flame Retardant Low Smoke (HFFR-LS) sheathing material as standard.

Brand-Rex Optical Patch Cable are used in the manufacture of patch cords and are suitable for use equipment rooms, wiring closets and at user outlets. The range consists of Single Fibre Cables (SFC), and Dual Fibre Cables (ZIP) and robust DUP cables which are ruggedised with an additional overall sheath.

FEATURES AND BENEFITS

- 1 and 2 Tight Buffered Fibres with Halogen Free Flame Retardant Low Smoke (HFFR-LS) Sheaths
- Customisable Fibre Selection - Single-Mode and Multi-Mode versions to suit a variety of applications
- Flexible Strength Members - in the form of high tensile yarns
- UV Stable (HFFR-LS) Sheaths
- Exceeds the Mechanical and Environmental Performance defined by IEC 60794-2-51
- 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: IEC 60794-2-51

Test Standards: IEC 60794-1-21 and IEC 60794-1-22

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
Buffer Colour	Yellow	Yellow	Yellow	Blue	Green	Grey	Red
Sheath Colour	Yellow	Yellow	Yellow	Orange	Orange	Aqua	Heather Violet

Optical Patch Cables

Datasheet: GD102474v4

Brand-Rex a **LEVITON** company

MATERIAL IDENTIFICATION

Material Description	Universal HFFR-LS
Flammability Rating	IEC 60332-1-2
Acid Gas Emission	IEC 60754-2

PHYSICAL CHARACTERISTICS

Cable Type	Nom. Buffer Diameter (mm)	Nom. Cable Diameter (mm)	Nominal Cable Weight (kg/km)
SFC	0.9	2.8	8
ZIP		2.8 x 5.9	17
DUP		3.8 x 6.6	29

MECHANICAL PERFORMANCE

Cable Type	Max. Installed Load (N)	Max. Installation Load (N)	Min. Static Bend (mm)	Min. Dynamic Bend (mm)	Max. Crush (N)	Max. Impact (Nm)	Max. Torsion (Turns $\pm 180^\circ$)
SFC	78	200	30	45	1500	5	5
ZIP	166	400	30	45	1500		
DUP	284	400	40	60	2000		

TEMPERATURE PERFORMANCE

Cable Type	Operational Temperature Range	Storage Temperature Range	Installation Temperature Range
SFC	-20°C to + 60°C	-20°C to + 60°C	-15°C to + 60°C
ZIP			
DUP			

Optical Patch Cables

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PRINT LEGEND

Example print legend:

[Length Mark]m BRAND-REX a LEVITON company OPTICAL FIBRE CABLE HFOM4DUP02L 2 FIBRE 50/125 OM4 [ID number]
[Week/Year]

PACKAGING INFO

Cable Type	Reel Size (flange x width mm)		Gross Weight (kg/reel)		Reels per Pallet	
	2km	4km	2km	4km	2km	4km
SFC	710 x 390	710 x 390	32	48	3	3
ZIP	710 x 390	915 x 490	50	90	3	2
DUP	710 x 390	915 x 490	80	138	3	2

PART NUMBER CONFIGURATOR

HF - a - b - c - L

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

b = Cable Type
e.g. "DUP"

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

Example part number: HFOM4DUP02L

"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.