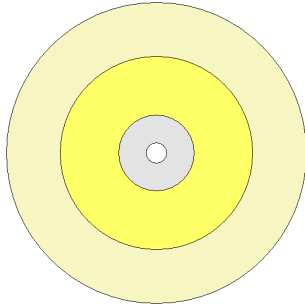


BendBrightXS optical fibre indoor drop cable

Cable Design

EN 187000



- Figure : 1 fibre cable (not to scale) -

- **900 μ m tight buffer easy strip Bendbright XS G657A2 fibre**
- **Peripheral Strength Elements:** aramid yarns.
- **Outer Sheath:** HFFR compound.

Technical data

No. of Fibres		1		
Tight buffer fibre - $\varnothing$	mm	0.9		
Cable Diameter	mm	3.0		
Cable Weight	kg / km	11		
Minimum bending radius	mm	static 5 x Cable- $\varnothing$		
Temperature Range		Installation - 5 a + 50	Transport & Storage -20 a + 70	Operation - 5 a + 70

Please refer to our General Installation, Safety & Handling recommendations before handling.

Main Characteristics

Test	Test Standard	Valor Especificado	Criterio de Aceptación
Max. Installation Tension	EN 187000 -501	400 N	$\Delta\alpha$ reversible; $\epsilon_f \leq 0.4$ %
Crush	EN 187000 -504	500 N / 100 mm	$\Delta\alpha \leq 0.05$ dB, no damage
Impact	EN 187000 -505	1 Nm, 3 impacts, 300mm	$\Delta\alpha \leq 0.05$ dB, no damage
Cable Bend	EN 187000 -513	R=5x Cable- $\varnothing$	$\Delta\alpha \leq 0.1$ dB
Temperature Cycling	EN 187000-601	-5°C to +60°C	$\Delta\alpha \leq 0.05$ dB/km
Single Cable Test	EN 50265-2-1 IEC 60332-1-1	EN 50265-2-1	En 50265-2-1 Anex A
Corrosivity of Smoke Gases	EN 50267-2-2 IEC 60754-2	EN 50267-2-2 IEC 60754-2	EN 50267-2-2 Anex A pH ≥ 4.2
Smoke Density	EN 50268-2 IEC 61034-2	EN 50268-2 4 samples	CEI 61034-2- Anexo B Transmittance >50%
Halogen Content	EN 50267-2-1 IEC 60754-1	EN 50267-2-1 IEC 60754-1	Halogen content ≤ 0.5 %

All optical measurements at 1550 nm.

Optical Characteristics

See the attached cabled optical fibre data sheet.

Identification

Tight buffer fibre

Natural or colored.

Sheath Colour

The outer sheath colour is ivory.

Sheath Marking

The outer sheath is marked in 1 meter intervals as follows:

<Manufacturer>	<ww>-<yyyy>	1 F.O. G-657A2 INT	ORANGE ESPAÑA
<identification number>		<length marking in meter>	

© PrysmianGroup 2016, All Rights Reserved

All sizes and values without tolerances are reference values. Specifications are for product as supplied by PrysmianGroup: any modification or alteration afterwards of product may give different result.

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of PrysmianGroup. The information is believed to be correct at the time of issue. PrysmianGroup reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorized by PrysmianGroup.