

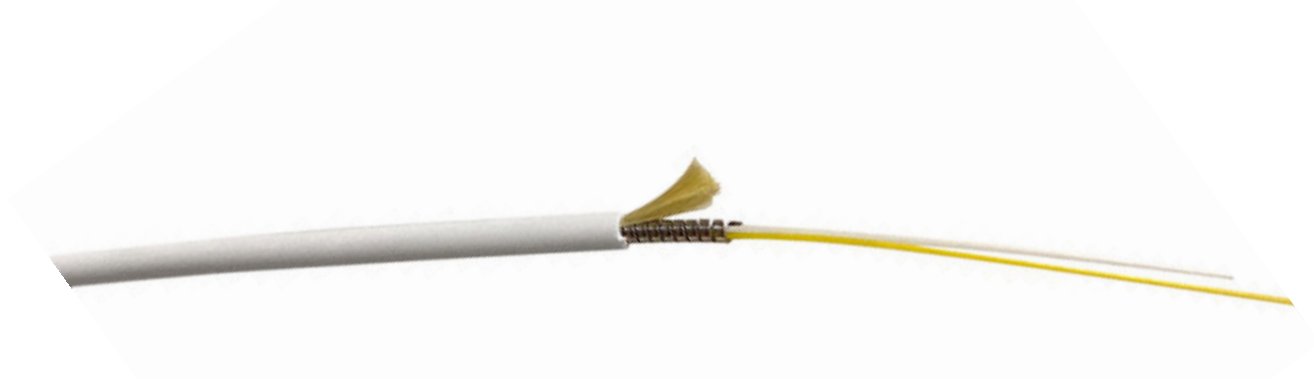
Fibre Optic Cabling

Indoor Armoured Optical Fibre Drop Cable

EuroClass B2ca-s1a-d0-a1

Connectix indoor armoured optical fibre drop cable is fully compliant with European Construction Product Regulations and British Standard requirements for BS6701 2016:A1 2017, certified to EuroClass B2ca-s1a-d0-a1. The cables surpass the testing requirements needed for smoke emission, flaming droplets and acid gas production ensuring them suitable for installations within commercial and residential buildings, hotels and FTTX environments.

The cables are manufactured using a free flame-retardant low smoke sheath, with multimode or singlemode G.657.A1 or G.657.A2 optical fibres. The construction comprises individually colour coded 900µm fibres, using a flexible stainless steel tape armouring for installation protection, over sheathed with free flame-retardant low smoke sheath.



Singlemode Fibre Cables available in G.652.D, G.657.A1/G.652.A2

Ordering Information - Inside Building Distribution Cables - BS6701:A1 compliant - G.657.A1	
Connectix 1-Fibre Armoured Drop Cable LSZH G.657.A1, 3.0mm EuroClass B2ca-s1a,d0,a1, White	002-005-070-01
Connectix 2-Fibre Armoured Drop Cable LSZH G.657.A1, 3.0mm EuroClass B2ca-s1a,d0,a1, White	002-005-070-02
Connectix 4-Fibre Armoured Drop Cable LSZH G.657.A1, 4.0mm EuroClass B2ca-s1a,d0,a1, White	002-005-070-03

Ordering Information - Inside Building Distribution Cables - BS6701:A1 compliant - G.657.A2	
Connectix 1-Fibre Armoured Drop Cable LSZH G.657.A2, 3.0mm EuroClass B2ca-s1a,d0,a1, White	002-005-075-01
Connectix 2-Fibre Armoured Drop Cable LSZH G.657.A2, 3.0mm EuroClass B2ca-s1a,d0,a1, White	002-005-075-02
Connectix 4-Fibre Armoured Drop Cable LSZH G.657.A2, 4.0mm EuroClass B2ca-s1a,d0,a1, White	002-005-075-03

Ordering Information - Recommended Tools	
Side Cutters	00A-012-003-00
Armoured Stripping Tool	00A-001-002-58

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Outer Jacket	
Material	FRLSZH
Jacket Colour	White
Strengthening Member	Aramid Yarn
Fibre Type	OM1, OM2, OM3, OM4, OM5, OS2, G.652, G.657.A1, G.657.A2

Geometrical and transmission parameters are available on separate generic datasheet.

Technical Specification		Singlemode		Multimode	
Standard Colour		White/Yellow		OM1 Grey, OM2 Orange, OM3 Aqua, OM4 Magenta, OM5 Lime	
Outer Diameter	1-2 Fibres	3.0mm		3.0mm	
	4 Fibres	4.0mm		4.0mm	
Cable Weight		14kg/km approx			
Operating Temperature		-40°C ~ +80°C			
Storage Temperature		-40°C ~ +80°C			
Tensile Strength		During installation 600N			
		After installation 300N			
Compression resistant strength		≤3000N/100MM			
General attenuation		1310nm	≤0.35dB/km	850nm	≤3.0dB/km
		1550nm	≤0.25dB/km	1300nm	≤1.0dB/km
Minimal Bending Radius		≤30D		≤30D	
Fire Performance Test		Fire Classification to CPR		B2ca-s1a,d0,a1	