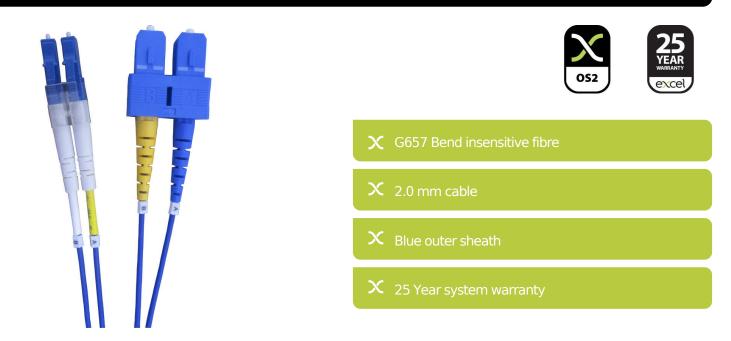


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### **Product Overview**

The Enbeam range of patch cords are constructed from high quality connectors and G657 bend intensive 9/125 µm OS2 grade cable. Each cable has a short strain relief boot and is supplied with atest report detailing insertion loss. All the patch cords come with a blue outer sheath and are individually packaged and labelled.

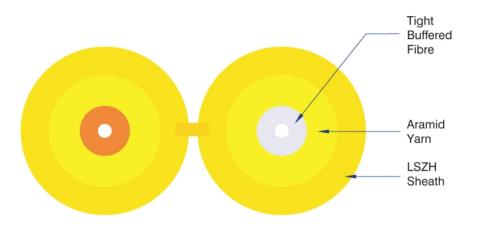
#### **Product Specifications**

Feature	Values
Fibre type	Single mode
Category	OS2
Number of Cores	2
Outer diameter sheath single fibre	2 mm
Cable type	Duplex
Length	2 m
Type of connector connection 1	LC
Type of connector connection 2	SC
Outer sheath colour	Blue
Strain relief boot	Push-on
Flame retardant according to IEC 60332-1-2	yes
Low smoke (acc. IEC 61034-2)	yes



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**Cross-section diagram** 



SC LC FC ST П Л Π ΠΠ á 0 ด์ 0 l J Π ĥ 0 0 Ó 0 3 3 4 F 4 Ħ 6 0 8 4 4 6 Ó 6 6 6 6 6 Ø 6 8 6 á ด์

**Product drawing** 

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#### Standards

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	Applicable standard	Detail		
	BS EN 60332-1-2:2004+A11:2016	Tests on electric and optical fibre cables under fire conditions - Test for vertical flame propagation for a single insulated wire or cable. Procedure for 1 kW pre-mixed flame		
	IEC 60793-1-1:2022	Optical fibres - Part 1-1: Measurement methods and test procedures - General and guidance		
	IEC 60793-2:2015	Optical fibres - Part 2: Product specifications - General		
	IEC 60793-2-10:2017	Sectional specification for A1 multimode fibres		
	IEC 60793-1-20:2014	Optical fibres - Part 1-20: Measurement methods and test procedures - Fibre geometry		
	IEC 60793-1-21:2001	Optical fibres - Part 1-21: Measurement methods and test procedures - Coating geometry		
	IEC 60793-1-22:2001	Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement		
	IEC 60793-1-30:2010	Optical fibres - Part 1-30: Measurement methods and test procedures - Fibre proof test		
	IEC 60793-1-31:2010	Optical fibres - Part 1-31: Measurement methods and test procedures - Tensile Strength		
	ITU-T G.652:2016	Characteristics of a single-mode optical fibre and cable		
	ITU-T G.657:2016	Characteristics of a bending-loss insensitive single-mode optical fibre and cable		
	EN 50173-1:2018	Information technology. Generic cabling systems - General requirements		
	EN 50173-2:2007 + A1:2010	Information technology. Generic cabling systems - Office premises		
	IEC 61754-1:2013	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 1: General and guidance		
	IEC 61754-2:1996	Fibre optic connector interfaces - Part 2: Type BFOC/2,5 connector family		
	IEC 61754-4:2013	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 4: Type SC connector family		
	IEC 61754-4-100:2015	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 4-100: Type SC connector family - Simplified receptacle SC-PC connector interfaces		
	IEC 61754-4-100:2015	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part		

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	4-100: Type SC connector family - Simplified receptacle SC-PC connector interfaces
ISO/IEC 11801-1:2017	Information technology - Generic cabling for customer premises: Part 1 General Requirements
RoHS-II/-III (2011/65/EU & 2015/863): 2023	Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III).
WFD: 2023	Compliant to Waste Framework Directive
SCIP: 2023	Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products)
POPs (EU) No 2019/1021	EU Regulation for the restriction of Persistent Organic Pollutants.

### **Part Number Table**

200-953 Excel Enbeam OS2 Fibre Optic Patch Lead G.657 SC-SC Singlemode 9/125 DX LS0H Blue 1 m	
200-954Excel Enbeam OS2 Fibre Optic Patch Lead G.657 SC-SC Singlemode 9/125 DX LSOH Blue 2 m	
200-955 Excel Enbeam OS2 Fibre Optic Patch Lead G.657 SC-SC Singlemode 9/125 DX LSOH Blue 3 m	
200-956 Excel Enbeam OS2 Fibre Optic Patch Lead G.657 SC-SC Singlemode 9/125 DX LSOH Blue 5 m	
200-957Excel Enbeam OS2 Fibre Optic Patch Lead G.657 SC-SC Singlemode 9/125 DX LSOH Blue 10 m	
200-958Excel Enbeam OS2 Fibre Optic Patch Lead G.657 LC-SC Singlemode 9/125 DX LSOH Blue 1 m	
200-959 Excel Enbeam OS2 Fibre Optic Patch Lead G.657 LC-SC Singlemode 9/125 DX LSOH Blue 2 m	
200-960 Excel Enbeam OS2 Fibre Optic Patch Lead G.657 LC-SC Singlemode 9/125 DX LSOH Blue 3 m	
200-961 Excel Enbeam OS2 Fibre Optic Patch Lead G.657 LC-SC Singlemode 9/125 DX LS0H Blue 5 m	
200-962 Excel Enbeam OS2 Fibre Optic Patch Lead G.657 LC-SC Singlemode 9/125 DX LS0H Blue 10 m	
200-963 Excel Enbeam OS2 Fibre Optic Patch Lead G.657 LC-LC Singlemode 9/125 DX LS0H Blue 1 m	
200-964 Excel Enbeam OS2 Fibre Optic Patch Lead G.657 LC-LC Singlemode 9/125 DX	

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	LS0H Blue 2 m
200-965	Excel Enbeam OS2 Fibre Optic Patch Lead G.657 LC-LC Singlemode 9/125 DX LS0H Blue 3 m
200-966	Excel Enbeam OS2 Fibre Optic Patch Lead G.657 LC-LC Singlemode 9/125 DX LS0H Blue 5 m
200-967	Excel Enbeam OS2 Fibre Optic Patch Lead G.657 LC-LC Singlemode 9/125 DX LS0H Blue 10 m

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.



Contact us at sales@excel-networking.com

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