

# Excel Enbeam OS2 Fibre Optic Patch Lead G.657.A2 SC-SC Singlemode 9/125 SX LS0H Blue 5 m

Item Code: 200-971

**excel**  
without compromise.



✕ Choice of lengths (1-10 metres)

✕ Choice of connectors (SC, SC APC, LC)

✕ G.657.A2 Bend Insensitive Fibre

✕ 2.0 mm cable

✕ Blue outer sheath

✕ 25 Year system warranty

## Product Overview

The Enbeam range of patch cords are constructed from high quality connectors and G.657.A2 bend insensitive 9/125  $\mu\text{m}$  OS2 grade cable. Each cable has a short strain relief boot and is supplied with a test report detailing insertion loss.

All of 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	1
Outer diameter sheath single fibre	2 mm
Cable type	Simplex
Length	5 m
Type of connector connection 1	SC
Type of connector connection 2	SC
Outer sheath colour	Blue
Strain relief boot	Push-on
Flame retardant according to IEC 60332-1-2	yes

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Low smoke (acc. IEC 61034-2)

yes

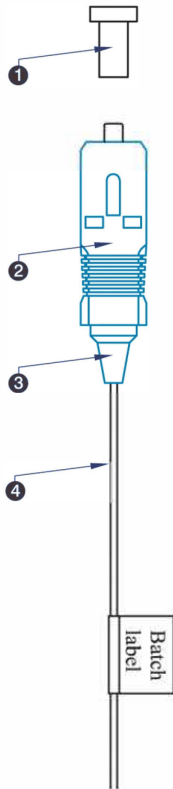
**Product schematics**

ST



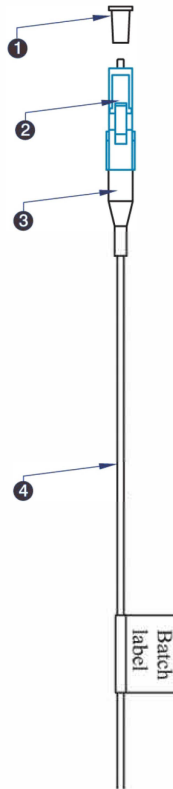
- ① ST Dust cover
- ② ST connector
- ③ ST Strain relief boot
- ④ Easy Strip LSOH cable

SC



- ① SC Dust cover
- ② SC connector
- ③ SC Strain relief boot
- ④ Easy Strip LSOH cable

LC



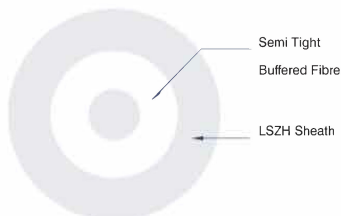
- ① LC Dust cover
- ② LC connector
- ③ LC Strain relief boot
- ④ Easy Strip LSOH cable

FC

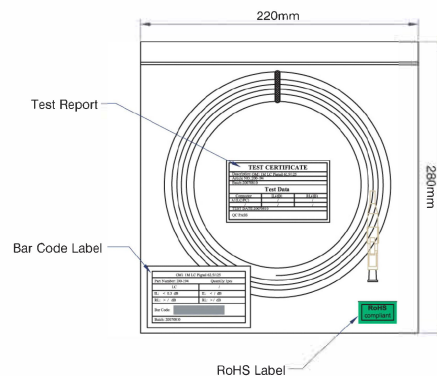


- ① FC Dust cover
- ② FC connector
- ③ FC Strain relief boot
- ④ Easy Strip LSOH cable

**Cable Profile**



**Packaging**



## Cable specifications

Features	Values	ST Assemblies	SC Assemblies	LC Assemblies
Construction	Semi-Tight Buffered			
No. of Fibres	1			
Diameter	900 micron			
Temperature range	-20C to +70C			
Connector Material		Nickel plated Brass	Composite	Composite
Minimum bend radius	10 x cable diameter			
Connector Ferrule		2.5 mm Zirconium ceramic	2.5 mm Zirconium ceramic	1.25 mm Zirconium ceramic
Connector Insertion Loss	Max. 0.3 dB			
Connector Return Loss (Multimode)	Max. -30 dB			
Ferrule End Face (Singlemode UPC)	Max. -50 dB			
Ferrule End Face (Singlemode APC)	Max. -60 dB			

## Standards

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

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	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
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).
ANSI/TIA 568-3.D	Optical Fiber Cabling and Components Standard
ISO/IEC 11801-1:2017	Information technology - Generic cabling for customer premises: Part 1 General Requirements
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.

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## Part Number Table

Part Number	Description
200-968	Excel Enbeam OS2 Fibre Optic Patch Lead G.657.A2 SC-SC Singlemode 9/125 SX LS0H Blue 1 m
200-969	Excel Enbeam OS2 Fibre Optic Patch Lead G.657.A2 SC-SC Singlemode 9/125 SX LS0H Blue 2 m
200-970	Excel Enbeam OS2 Fibre Optic Patch Lead G.657.A2 SC-SC Singlemode 9/125 SX LS0H Blue 3 m
200-971	Excel Enbeam OS2 Fibre Optic Patch Lead G.657.A2 SC-SC Singlemode 9/125 SX LS0H Blue 5 m
200-972	Excel Enbeam OS2 Fibre Optic Patch Lead G.657.A2 SC-SC Singlemode 9/125 SX LS0H Blue 10 m
200-973	Excel Enbeam OS2 Fibre Optic Patch Lead G.657.A2 LC-SC Singlemode 9/125 SX LS0H Blue 1 m
200-974	Excel Enbeam OS2 Fibre Optic Patch Lead G.657.A2 LC-SC Singlemode 9/125 SX LS0H Blue 2 m
200-975	Excel Enbeam OS2 Fibre Optic Patch Lead G.657.A2 LC-SC Singlemode 9/125 SX LS0H Blue 3 m
200-976	Excel Enbeam OS2 Fibre Optic Patch Lead G.657.A2 LC-SC Singlemode 9/125 SX LS0H Blue 5 m
200-977	Excel Enbeam OS2 Fibre Optic Patch Lead G.657.A2 LC-SC Singlemode 9/125 SX LS0H Blue 10 m
200-978	Excel Enbeam OS2 Fibre Optic Patch Lead G.657.A2 SC-SC/APC SM 9/125 SX LS0H Blue 1 m
200-979	Excel Enbeam OS2 Fibre Optic Patch Lead G.657.A2 SC-SC/APC SM 9/125 SX LS0H Blue 2 m
200-980	Excel Enbeam OS2 Fibre Optic Patch Lead G.657.A2 SC-SC/APC SM 9/125 SX LS0H Blue 3 m
200-981	Excel Enbeam OS2 Fibre Optic Patch Lead G.657.A2 SC-SC/APC SM 9/125 SX LS0H Blue 5 m
200-982	Excel Enbeam OS2 Fibre Optic Patch Lead G.657.A2 SC-SC/APC SM 9/125 SX LS0H Blue 10 m

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

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