Enbeam Fibre Pigtail OM3 50/125 LC/UPC Aqua - 2m

Item Code: 200-560

- Semi Loose Buffered
- Choice of lengths
- Choice of connectors
- Each cable is individually bagged and labelled
- Test Certificate with each cable
- RoHS Compliant

Product Overview

Excel multimode fibre optic pigtails are manufactured from the highest quality 900 micron optical fibre, terminated with ceramic ferrule connectors of various types. To assist in fast cable preparation and splicing semi tight buffered, easy strip, cable is used as standard. Cable preparation, termination and testing is carried out to strictly managed procedures in an Excel approved, ISO9001 registered manufacturing facility.

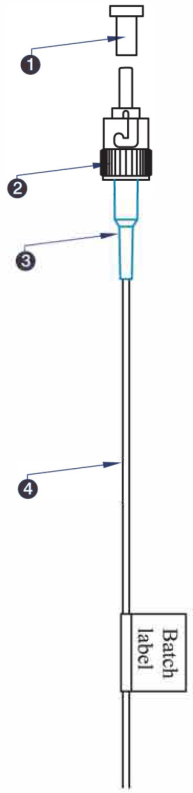
Each pigtail has a strain relief boot to prolong and maintain performance levels of the assembly. A short distance from the connector a label containing a unique batch number is fixed to cable for quality and traceability purposes.

Product Specifications

Feature	Values
Fibre type	Multi mode 50/125
Category	OM3
Core type	Loose tube
Length	2 m
Type of connector	LC
Colour	Aqua
Strain relief boot	Push-on

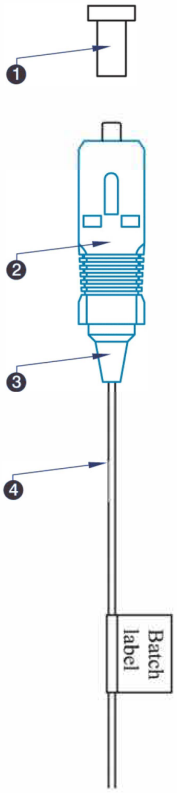
Product schematics

ST



1. ST Dust cover
2. ST 0.9 singlemode connector
3. ST 0.9 Blue strain relief boot
4. 0.9mm Easy Strip OS1 9/125 LSOH Yellow cable

SC



1. SC Dust cover
2. SC 0.9 singlemode Blue connector
3. SC 0.9 Blue strain relief boot
4. 0.9mm Easy Strip OS1 9/125 LSOH Yellow cable

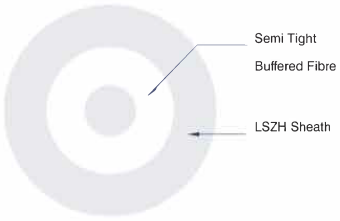
LC

1. LC Dust cover
2. LC 0.9 singlemode Blue connector
3. LC 0.9 White strain relief boot
4. 0.9mm Easy Strip OS1 9/125 LSOH Yellow cable

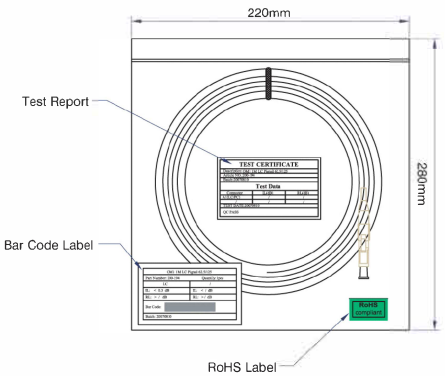
FC

1. FC Dust cover
2. FC 0.9 singlemode connector
3. FC 0.9 Blue strain relief boot
4. 0.9mm Easy Strip OS1 9/125 LSOH Yellow cable

Cable Profile



Packaging



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excel without compromise.

Fibre specifications

Features	OM1	OM2	OM3	OM4	OM5
Core diameter	62.5 +/- 2.5um	50.0 +/- 1.0um	50.0 +/- 2.0um	50.0 +/- 2.0um	50.0 +/- 2.5um
Cladding diameter	125 +/- 1.0um	125.0 +/- 1.0um	125.0 +/- 1.0um	125.0 +/- 1.0um	125.0 +/- 0.8um
Primary Coating diameter	250 +/- 15um	250 +/- 15um	250 +/- 15um	250 +/- 15um	245 +/- 7um
Secondary coating diameter	900 um nominal	900 um nominal	900 um nominal	900 um nominal	900 um nominal
Max. attenuation at 850nm	3.5dB/km	3.5dB/km	3.5 dB/km	2.3 dB/km	1.0 dB/km
Max attenuation at 1300nm	1.5dB/km	1.5dB/km	1.5 dB/km	0.6 dB/km	1.0 dB/km
Refractive Index at 850nm	1.496	1.482	1.482	1.482	1.482
Refractive Index at 1300nm	1.491	1.477	1.477	1.477	1.477
Bandwidth at 850nm	200 MHz.km	500 MHz.km	1500 MHz/km	4700 MHz.km	3500 MHz.km
Bandwidth at 1300nm	500 MHz.km	500 MHz.km	500 MHz.km	500 MHz.km	500 MHz.km
Fibre Type			Bend Insensitive	Bend Insensitive	Bend Insensitive
Numerical aperture				0.200 +/- 0.015	0.200 +/- 0.015
Max. attenuation at 953nm					1.7 dB/km
Bandwidth at 952nm					1850 MHz.km

Standards

Applicable standard	Detail
IEC 60793-1-1:2017	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.651.1:2018	Characteristics of a 50/125 µm multimode graded index optical fibre cable for the optical access network
EN 50173-1:2011	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	Restriction of Hazardous Substances - Compliant

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Part Number Table

Part Number	Description
200-552	Enbeam Fibre Pigtail OM1 62.5/125 SC/UPC Grey - 2m
200-553	Enbeam Fibre Pigtail OM2 50/125 SC/UPC White - 2m
200-555	Enbeam Fibre Pigtail OM3 50/125 SC/UPC Aqua - 2m
200-556	Enbeam Fibre Pigtail OM1 62.5/125 ST/UPC Grey - 2m
200-557	Enbeam Fibre Pigtail OM2 50/125 ST/UPC White - 2m
200-558	Enbeam Fibre Pigtail OM1 62.5/125 LC/UPC Grey - 2m
200-559	Enbeam Fibre Pigtail OM2 50/125 LC/UPC White - 2m
200-560	Enbeam Fibre Pigtail OM3 50/125 LC/UPC Aqua - 2m
200-574	Enbeam Fibre Pigtail OM2 50/125 ST/UPC White - 2m
200-577	Enbeam Fibre Pigtail OM3 50/125 ST/UPC Aqua - 2m
200-675	Enbeam Fibre Pigtail OM5 50/125 SC/UPC Lime Green - 2m
200-677	Enbeam Fibre Pigtail OM5 50/125 LC/UPC Lime Green - 2m
204-321	Enbeam Fibre Pigtail OM4 50/125 SC/UPC Violet - 2m
204-350	Enbeam Fibre Pigtail OM4 50/125 LC/UPC Violet - 2m
204-351	Enbeam Fibre Pigtail OM4 50/125 SC/UPC Violet - 2m