

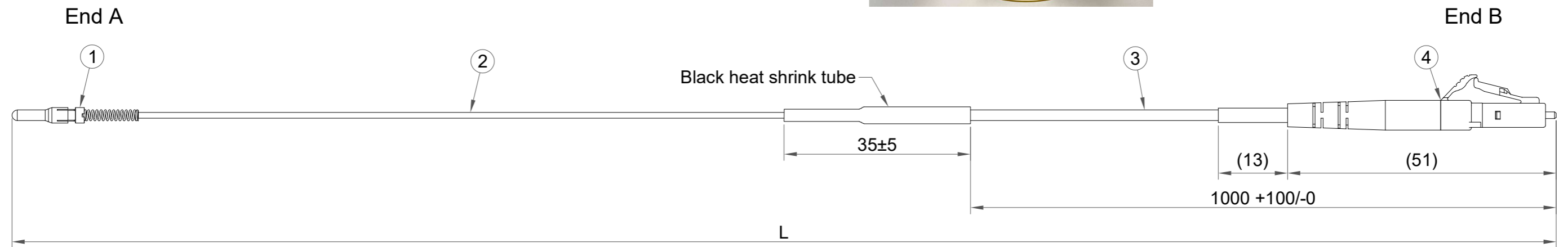
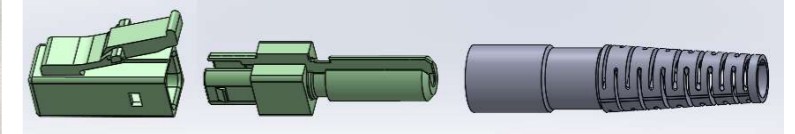
Notes:

- LC(BF) Termination procedure see document: ETP-1909-001 Senko Blown Fibre Connector Termination Procedure
- Stripping method 'Option A' is preferred for these samples (Option A method see Termination procedure).
- Connector endface appearance inspection standard: Senko level 2
- 3D Geometry/Interferometer inspection standard: Senko level 2
- All connectors should have protective dust caps.
- On LC/APC Blown fiber connector, the Plug Frame, Extender Cap & Boot not be shown as fitted to the cable assembly, they should be separate in a zip seal bag.
- Packing spec:
 - Image shows a reel design for holding the blown fibre assemblies.
 - End B is fitted to a furcation, and is contained within a chamber area within the cardboard reel.
 - Standard test data sheet to be needed.
 - Pack 1x item 5 & 6 and cable assembly together.
- Compliance: RoHS

REVISIONS			
REV.	DESCRIPTION	DATE	REVISED
1.0	DRAWING ISSUED	2023.8.24	Chris Li



Below 3 parts should be separate in a zip seal bag, and will be shipped with patchcord.

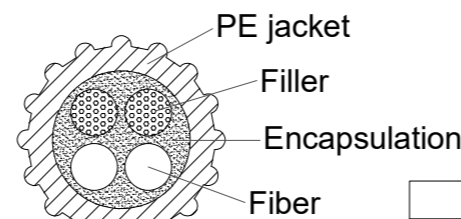
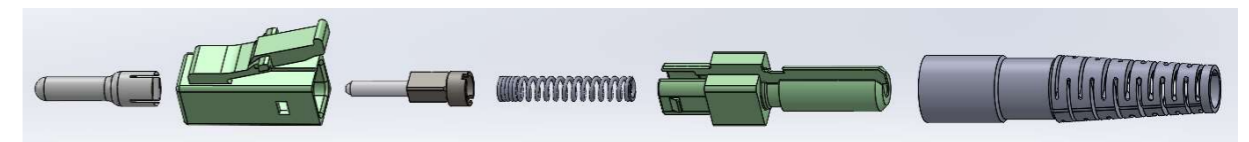


Optical Specification

Fiber Type	Singlemode	
Polish Type	LC/APC (BF)	LC/APC (Grade B)
Insertion Loss (dB)	≤ 0.3	≤ 0.15
Return Loss (dB)	≥ 65	≥ 65
Test Wavelength (nm)	1310 & 1550	

Length (L)	Length Tolerance
L < 1m	+50mm/-0
1m ≤ L ≤ 10m	+100mm/-0
L > 10m	+1%*L/-0

The blown fiber connector consists of the components shown below



Cable Profile View

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Category M

UNLESS OTHERWISE SPECIFIED:
DEBURRS ALL SHARP EDGES,
DIMENSIONS ARE AFTER FINISH

TOLERANCES:
0 - 5 mm =
5 - 30 mm =
30 - 120 mm =
120 - 300 mm =
∠ =

Item No.	Part Number	Description	Qty.
6	ENC-1022-1822	Nitrile Extruded Tubing, OD6.3, ID3.95, L24	1
5	ENC-1022-1821	HDPE Extruded Tubing, OD4.1, ID3.6, L1500	1
4		LC APC Standard Connector, Green Housing, 2.0mm Green Boot, APC Ferrule	1
3		2.0mm Yellow LSZH Tube with Kevlar and 900um Hytrel Tube	1
2		1.1mm 2F Yellow Blown Cable, Corning SMF-28e+ BB (G.657.A1) Fiber, (only one fiber is used, the other fiber is cut at the encapsulation point)	1
1	9G1-153-361	LC SX BLOWN FIBER CONNECTOR ASSEMBLY	1

Drawn By ENG.DEPT.	Checked By Chris Li	All Dimensions in mm	Date 2023.8.24	Scale Free
Name: LCAPC(BF)-LCAPC 1.1mm 1F G.657.A1 Yellow Blown Fiber Jumper		PN: Dwg.No: ENC-0823-1597		
			Rev. 1.0	Sheet 1/1

Core Position Should be Meet IEC 61755-3-2

The tuning is must to do for sure core position
Ferrule grade select:
- 0.6um concentricity for Grade B
- Ferrule ID should be 125.2~126.2

Eccentricity of core (Grade B)

Ref.	APC		Remarques
	Min	Max	
G	0	0.3	Radius, um
F	0	1.0	Radius, um
H	0	50	Degrees