

# Multifibre FirstLight Classix Base Cable Assemblies

V.3.0

## Description

The FirstLight Classix Base factory made, quality controlled fibre optic assembly is specified for short internal optical links. The 900µm tight buffer presentation lends itself to installation within a patch panel, wall box or Optical Distribution Frame (ODF).

Crush resistant protective tubing assures secure transportation and installation.

The high strength pulling element allows fast, safe and effective pulling.

The overall assembly and packing are light and compact, reducing transport cost and storage space. Installation waste is also reduced.



## Features

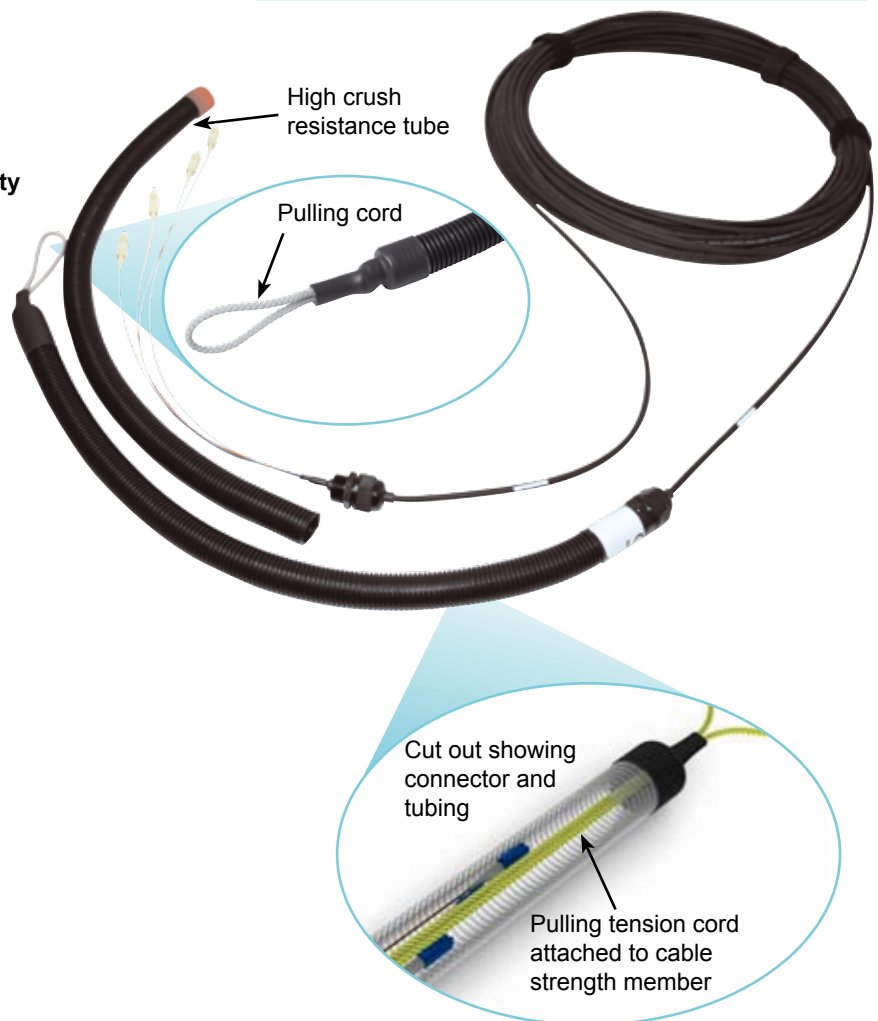
- ▶ Available in OM1, OM2 and OM3 fibre types
- ▶ Available with SC, LC, FC, ST connector types
- ▶ 2 - 24 core tight buffer cable with standard connectivity
- ▶ Fast installation plug and play system
- ▶ No splicing or connector termination required

## Benefits

- ▶ High crush resistance robust protection tube
- ▶ High tensile strength pulling element
- ▶ Economical, light and compact assembly
- ▶ Low waste packaging
- ▶ Simplified test certificate
- ▶ Installation guide supplied

## Applications

- ▶ Internal horizontal and backbone cabling
- ▶ Ideal for data centre use



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## Technical Drawing

**Core count ≤ 12 cores**

Diagram for illustration only. See Sheet 3 for tail cut lengths.

**Core count ≥ 12 cores**

<p>1 Tight Buffered Cable (4 - 24 core)</p> <p>2 Connector - End A</p> <p>3 Connector 900 µm Boot - End A</p> <p>4 Connector - End B</p>	<p>5 Connector 900 µm Boot - End B</p> <p>6 Serial Number Label</p> <p>7 Split Retainer</p> <p>8 Gland</p>
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## Technical Specification

Specification	Value
Fibre grade	OS1/OS2, G.657A, OM1, OM2, OM3, OM4 (ISO/IEC 60793)
Cable specification	Tight bufer 4, 8, 12 and 24 cores (ISO/IEC 60794) Max OD 24 cores 8.5 ± 0.3 mm
Connectors	IEC 61753, IEC 61754, IEC 61755
Pulling element	a) No pulling element: length ≤ 20mtr      b) A side pulling element: length ≥ 20 mtr
Packaging	Length ≤ 100 Coil in heavy duty polymer bag      EU pallet compatible box Length ≥ 100 meter Drum
Operating Temperature	-20 ~ +60°C
Storage Temperature	-40 ~ +70°C

## Part Number Generator

PRE	Terminated Fibre Count	Connector A (Pulling Eye)	Connector B (Apply If End A ≠ B)	Fibre Type	Cable Construction	Length (Mtr)	BASE
	02	SC	Open end (XX)	62 (OM1)	TB (Tight Buffer)	Gland to Gland	
	04	SCA (SC/APC)	SC	50 (OM2)			
	06	LC	SCA (SC/APC)	OM3 (OM3)			
	08	LCA (LC/APC)	LC	OM4 (OM4)			
	12	FC	LCA (LC/APC)	9 (OS1/OS2)			
	16	FCA (FC/APC)	FC	A1 (G657A)			
	24	ST	FCA (FC/APC)				
	48*	E2 (E2000) E2A (E2000 APC)	ST E2 (E2000) E2A (E2000 APC)				