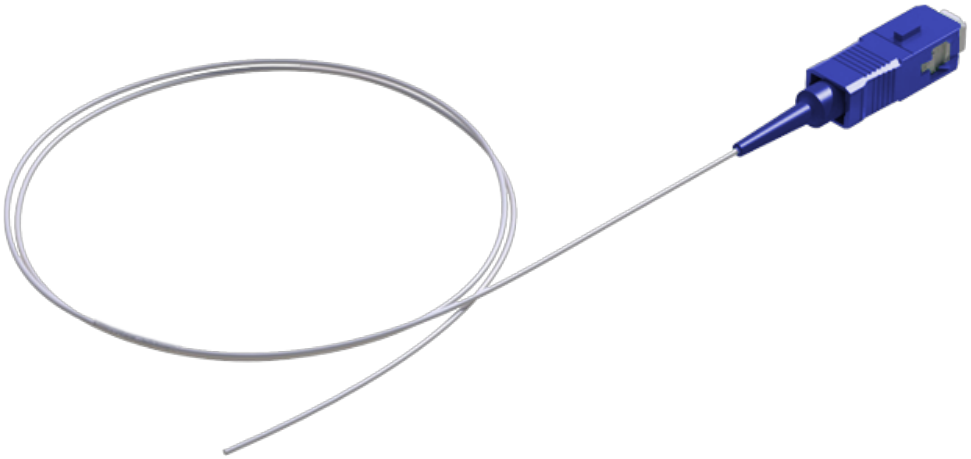

Semi-Tight Buffer Enhanced Pigtails

Semi tight buffer pigtails are used for the termination of optical cables via fusion or mechanical splicing. They consist of a high-quality semi tight buffered 900um LSZH cable that can be easily stripped to longer length than tight buffered pigtails. They are terminated with an optimized connector for low insertion loss and low back reflection. They fully conform to IEC, TIA/EIA and Telcordia standards.

Features

- Available with SC, LC, ST and FC connectors
- Suitable for splicing
- Offered with Semi-tight 900um buffer that can be stripped up to 100mm in one pass
- Available in standard single mode and multimode fibre types
- Low smoke zero halogen (LSZH) secondary buffer
- REACH, RoHS and SvHC materials compliant

Applications

- Termination of optical networks via fusion or mechanical splicing
- FTTx
- Data centres, Premises and Telecommunication applications
- Patch panels, wall boxes, ODFs and splice cassettes

Specifications

Connector Specification

OPTICAL PERFORMANCE	SINGLEMODE	MULTIMODE	CONFORMANCE
IL MAX/Master (Acceptance)	0.25dB	0.25dB	IEC 61300-3-4
Ave/Master	0.18dB	0.15dB	IEC 61300-3-4
Ave/Random	0.18dB	0.20dB	IEC 61300-3-34
Return Loss	55/65dB	>28dB	IEC 61300-3-6

Note: Multimode Return Loss >28dB based on sample data using method IEC 61300-3-6

Cable Specification

CHARACTERISTICS	UNITS	SIMPLEX
Crush	N/100mm	500
Operating Temperature	˚C	-20 to +60
Nominal Buffer Diameter	Mm	900+/-500
Max Tensile Load	N	6

Ordering Information

CPT
Pigtail

Connector	
00	LC
01	LCA
02	SC
03	SCA
04	ST
05	FC
06	FCA

+

Fibre Type	
9	G.652.D
1	OM1
2	OM2
3	OM3

+

Length	
01	1m
01.5	1.5m
02	2m
...	...
xx	Specify

+

Cable Construction	
ST	Semi Tight Buffer

Examples:

CPT-01-9-01-ST – Pigtail LC/APC Singlemode G.652.D 1m