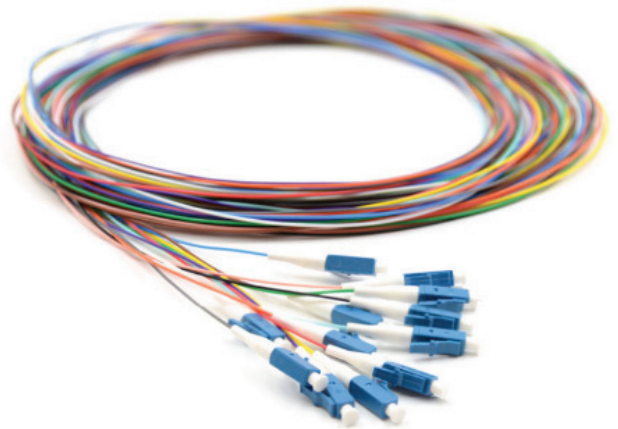




## Fibre optic pigtail assemblies are utilised in terminating fibre optic cables via fusion or mechanical splicing.

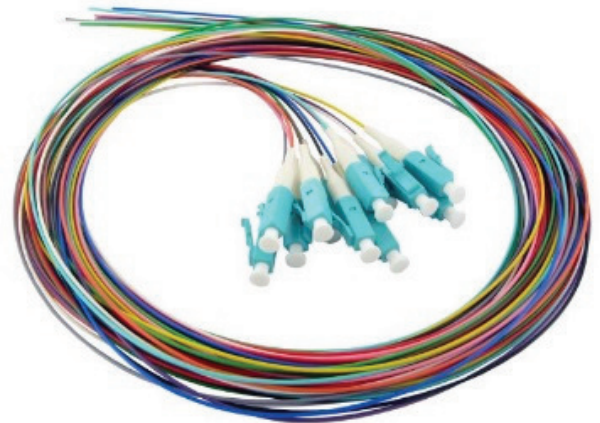
High-quality pigtails combined with correct fusion splicing practices offer the best performance possible for fibre optic cable terminations.

FibreBox manufactures and supplies a broad range of pigtails in a variety of connector styles and fibre modes. All pigtails are factory tested and guaranteed. Factory-based assembly and machine connector polishing ensures great performance, intermateability and durability.



## Features & Benefits

- Easy to strip tight buffer lowers fibre damage or breakage during installation
- Standards based testing and insertion/return loss ensures guaranteed results
- Geometry compliant precision connectors ensure repeatable low loss results
- Variety of connector types and fibre modes available to match your fibre network
- Standards compliant fibre buffer
- All packages come supplied with test results for each individual fibre termination
- Low smoke zero halogen buffer ensures pigtails are suitable for a range of indoor environments
- RoHS compliant.



## Applications

- All networks including Ethernet, Fast Ethernet and GbE
- Ideal for a wide range of Telecom, Datacom, process control and infrastructure networks
- Suitable for repeat handling in enclosures
- CATv, FTTx and MDU networks.

## Technical Specifications

<b>Fibre Mode</b>	OM3	OM4	OS 1/2
<b>Core/Cladding (um)</b>	50/125	50/125	9/125
<b>Fibre Conformance</b>	ITU G651.1	ITU G651.1	ITU G652.D
<b>Insertion Loss (max dB)</b>	0.30	0.30	0.25
<b>Insertion Loss (avg dB)</b>	0.15	0.15	0.18
<b>Insertion Loss (random)</b>	0.20	0.20	0.18
<b>Return Loss (dB)</b>	N/A	N/A	APC: >60 PC: >50
<b>Crush (N/100mm<sup>2</sup>)</b>	500		
<b>Max Tensile Load (N)</b>	6		
<b>Pack Sizes (fibres)</b>	6, 12		
<b>Jacket Diameter (mm)</b>	0.9 STANDARD (2, 3 AVAILABLE)		
<b>Jacket Material</b>	LOW SMOKE ZERO HALOGEN		
<b>Operating Temp (°C)</b>	-20 TO +60		

## Applicable Standards

<b>Insertion Loss</b>	ALL SC, SCA, LC, LCA, ST, FC PIGTAILS COMPLY WITH THE LOSS REQUIREMENTS OF ISO/IEC 61300-3-4, ISO/IEC 61300- 3-34 & AS/NZS ISO/IEC 14763.3
<b>Return Loss</b>	ALL SINGLE MODE PIGTAILS COMPLY WITH THE RETURN LOSS REQUIREMENTS SET OUT IN ISO/IEC 61300-3-6
<b>Colour Coding</b>	ALL PIGTAILS COMPLY WITH TIA-598C & AS/CA S008:2010 COLOUR CODE REQUIREMENTS
<b>Cable Attenuation</b>	CABLE ATTENUATION FALLS BELOW LEVELS SPECIFIED IN AS/NZS 3080
<b>Testing</b>	ALL TESTING IS COMPLETED WITH REFERENCE GRADE PATCH LEADS AND PRECISION ZIRCONIA SLEEVE ADAPTERS AND MEET ALL REQUIREMENTS FOR TESTING IN AS/NZS ISO/IEC 14763.3
<b>Fibre Standards</b>	SINGLE MODE PIGTAILS MEET ITU 652.D GUIDELINES AND TIA/EIA 492 CAAAOM3 & OM4 PIGTAILS MEET ITU 651.1 GUIDELINES AND CONFORM TO TIA/EIA 492 AAABOM1 MULTIMODE PIGTAILS MEET REQUIREMENTS SET OUT IN TIA/EIA 492 AAAA

## Ordering Information

<b>P</b>	<b>3</b>	<b>LC</b>	<b>1M</b>	<b>12</b>	<b>900</b>	<b>C</b>
Pigtail	Cabel Mode	Connector Type	Length (m)	Core Count	Cable Diameter	Colour
	1: OS1/2 2: OM1 3: OM3 4: OM4	SC: SC/UPC SCA: SC/APC LC: LC/UPC LCA: LC/APC ST: ST/UPC	1M	12: 12 Fibres	900um	12 Colour (TIA 598C)