

# CMW Ltd – Fibre Optic Pigtails



## Product Overview :

CMW Ltd supplies a versatile range of high-performance fibre optic pigtails designed for reliable termination and splicing within a wide variety of networking applications. These pigtails deliver low signal loss and dependable connectivity for mission-critical networks. Whether for education, commercial premises, offices or data centres, our pigtails provide a cost-effective and reliable interface between incoming fibre cables and patch panels or equipment. Available in multiple connector types and lengths — including bespoke assemblies on request.



SPECIFICATION	DETAILS
Fibre type	OS2 9/125, OM1 50/125, OM3 50/125, OM4 50/125 & OM5
Construction	Semi-tight buffered fibre, single fibre (pigtail)
Jacket material	LSZH (Low Smoke Zero Halogen)
Flame retardance	IEC 60332-1-2 compliant
Smoke emission	EN IEC 61034-2 compliant
Halogen content	Meets EN IEC 60754
Operating temperature	-20 °C to +70 °C (typical)
Storage temperature	-40 °C to +85 °C (typical)

## Key Features

- **Low attenuation** and improved bend performance.
- **Semi-tight buffered fibre pigtails** designed for fusion splicing or direct termination in patch panels and enclosures.
- **Multiple connector options:** LC, SC, ST, FC (UPC or APC where applicable).
- **Pre-terminated with a single connector** and an unterminated end for splicing to in-situ fibre.
- **LSZH jacket** (flame-retardant, low smoke as per IEC/EN standards).
- **Length 1.0m;** custom assemblies available.
- **Compliant with IEC 60332-1-2 and EN IEC 61034-2** for fire and smoke performance.

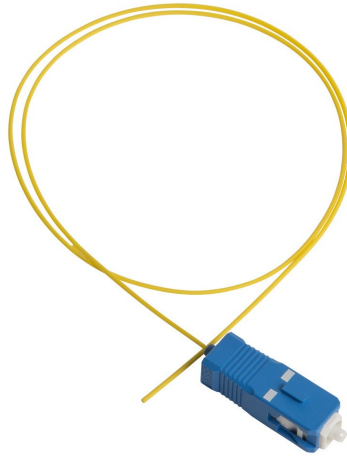


## Cable Management Warehouse Ltd

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Item	Specification	
	Singlemode	Multimode
Insertion Loss	≤0.3dB	≤0.3dB
Return Loss	≥50dB(PC), ≥60dB(APC)	≥30dB
Repeatability	≤0.2	≤0.2
Durability	≤0.2 dB typical change, 500 matings	≤0.2 dB typical change, 500 matings
Interchangeability	≤0.2dB	≤0.2dB
Tensile Strength	>10N	>10N
Operating Temperature	-20°C ~ 70°C	-20°C ~ 70°C

Part Number Format—**FPT9 AAA BB CCC DD**

#### Part Number Breakdown

**AAA** – Fibre type (OS2 = Singlemode, OM1 = Multimode, OM3 = Multimode, OM4 = Multimode, OM5 = Multimode)

**BB** – Connector (LC, SC, ST or FC)

**CC** – Length code (01 = 1.0 metre, 02 = 2.0 metre)

**DD** – Jacket colour (YW = Yellow, WH = White, AQ = Aqua, EV = Erica Violet)

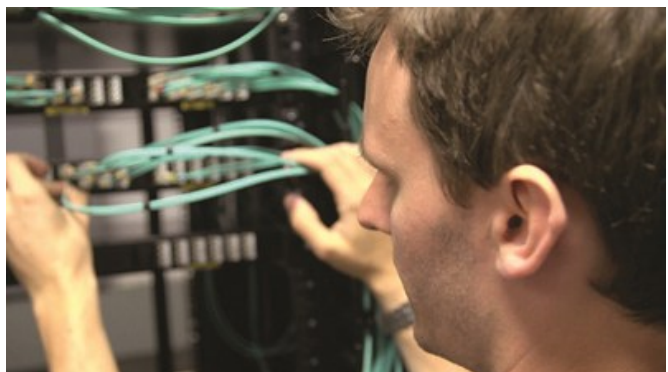
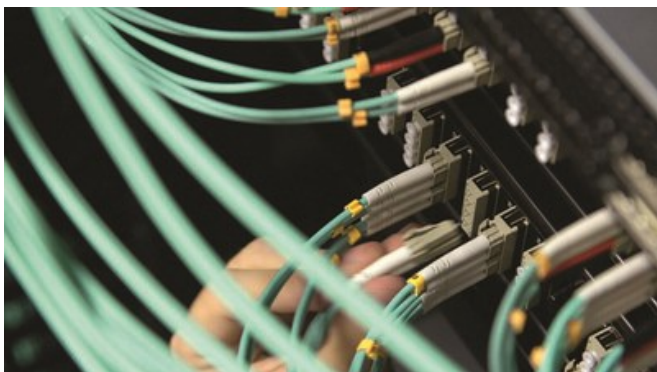
#### Examples

**FPT9OS2LC01YW** – OS2 1m LC 9/125 Singlemode Pigtail Yellow

**FPT9OM3SC01WH** – OM3 1m SC 50/125 Multimode Pigtail White

**FPT9OM4ST01WH** – OM4 1m ST 50/125 Multimode Pigtail White

**FPT9OM1SC01GY** – OM1 1m SC 62.5/125 Multimode Pigtail Grey



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