

# FIBRE PIGTAIL



## PRODUCT OVERVIEW

Fibre pigtails are used in permanent connections between patch panels and incoming cables / single blown fibres. Pigtails are preconstructed with connectors. Connector options include small form factors such as LC, E2000 and MT-RJ as well as SC, FC and ST. These are based on 900µm tight buffered cores (600µm MT-RJ) and suitable for internal use only inside suitable Fibre Management Systems.

## COMPLIANCE

ISO/IEC 11801  
 EN50173 -1,ANSI TIA/EIA 568B  
 ITU-T G652.B OS1  
 ITU-T G652.D OS2  
 ITU-T G651.1 OM1 OM2 OM3 OM4

## MECHANICAL DATA

Crush (N)	800
Impact (Nm)	0.2
Operating Temperature	-10°C to +70°C
Installation temperature	0°C to +70°C
Temp - Installation	0°C to +70°C
Bend Radius	50mm (min)

## MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Fibre Type	Max. Attenuation (dB/km)				Min. Overfill Launch Bandwidth (Mhz • km)		Min. Gigabit Ethernet Link Distance (m)		
	850mm	1300mm	1310mm	1550mm	850mm	1300mm	Gigabit		10Gigabit
							850mm	1300mm	850mm
OM1 62.5/125µm	≤2.7	≤0.6	-	-	≥200	≥600	275	550	-
OM2 50/125µm	≤2.5	≤0.7	-	-	≥500	≥500	550	550	-
OM3 50/125µm	≤2.3	≤0.6	-	-	≥1500	≥500	1000	600	1500
OM4 50/125µm	≤2.3	≤0.6	-	-	≥3500	≥500	1000	600	3500
OS1 9/125µm	-	-	≤0.34	≤0.20	-	-	-	-	-
OS2 9/125µm	-	-	≤0.34	≤0.24	-	-	-	-	-

# FIBRE PIGTAIL

## ORDERING INFORMATION

### LC PIGTAIL

Description	Part Number	
Singlemode	OS1	OS2
LC/PC 1m PVC	APT11OS1L110	APT11OS2L110
LC/PC 1.5m PVC	APT11OS1L115	APT11OS2L115
LC/PC 2m PVC	APT11OS1L120	APT11OS2L120
LC/PC 3m PVC	APT11OS1L130	APT11OS2L130
LC/PC 1m LSZH	APT21OS1L110	APT21OS2L110
LC/PC 1.5m LSZH	APT21OS1L115	APT21OS2L115
LC/PC 2m LSZH	APT21OS1L120	APT21OS2L120
LC/PC 3m LSZH	APT211OS1L130	APT21OS2L130
LC/APC 1.5m LSZH	APT21OS1L315	APT21OS2L315

Description	Part Number			
Multimode	OM1	OM2	OM3	OM4
LC/PC 1m PVC	APT11OM1L110	APT11OM2L110	APT11OM3L110	APT11OM4L110
LC/PC 1.5m PVC	APT11OM1L115	APT11OM2L115	APT11OM3L115	APT11OM4L115
LC/PC 2m PVC	APT11OM1L120	APT11OM2L120	APT11OM3L120	APT11OM4L120
LC/PC 3m PVC	APT11OM1L130	APT11OM2L130	APT11OM3L130	APT11OM4L130
LC/PC 1m LSZH	APT21OM1L110	APT21OM2L110	APT21OM3L110	APT21OM4L110
LC/PC 1.5m LSZH	APT21OM1L115	APT21OM2L115	APT21OM3L115	APT21OM4L115
LC/PC 2m LSZH	APT21OM1L120	APT21OM2L120	APT21OM3L120	APT21OM4L120
LC/PC 3m LSZH	APT21OM1L130	APT21OM2L130	APT21OM3L130	APT21OM4L130

## ORDERING GUIDE

Fibre Pigtail	Jacket	Thickness	Fibre Type	Connector	Polish	Length	
APT	1: PVC	1: 0.9mm	OM1	S: SC	1: PC	10:1m	
		2: LSZH	2: 1.6mm	OM2	T: ST	2: UPC	15:1.5m
			3: 2.0mm	OM3	F: FC	3: APC	20:2m
			4: 3.0mm	OM4	L: LC	4: APC 8°	25:2.5m
	OS1	M: MTRJ	30.3m				
		OS2	E: E2000				