

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
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	≤06	-	-	≥1500	≥500	1000	600	1500
OM4 50/125µm	≤2.3	≤06	-	-	≥3500	≥500	1000	600	3500
OS1 9/125µm	-	-	≤0.34	≤0.20	-	-	-	-	-
OS2 9/125µm	-	-	≤0.34	≤0.24	-	-	-	-	-

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ORDERING INFORMATION

SC PIGTAIL

Description	Part Number	
Singlemode	OS1	OS2
SC/PC 1m PVC	APT110S1S110	APT110S2S110
SC/PC 1.5m PVC	APT110S1S115	APT110S2S115
SC/PC 2m PVC	APT110S1S120	APT110S2S120
SC/PC 3m PVC	APT110S1S130	APT110S2S130
SC/PC 1m LSZH	APT210S1S110	APT210S2S110
SC/PC 1.5m LSZH	APT210S1S115	APT210S2S115
SC/PC 2m LSZH	APT210S1S120	APT210S2S120
SC/PC 3m LSZH	APT210S1S130	APT210S2S130

Description	Part Number			
Multimode	OM1	OM2	OM3	OM4
SC/PC 1m PVC	APT110M1S110	APT110M2S110	APT110M3S110	APT110M4S110
SC/PC 1.5m PVC	APT110M1S115	APT110M2S115	APT110M3S115	APT110M4S115
SC/PC 2m PVC	APT110M1S120	APT110M2S120	APT110M3S120	APT110M4S120
SC/PC 3m PVC	APT110M1S130	APT110M2S130	APT110M3S130	APT110M4S130
SC/PC 1m LSZH	APT210M1S110	APT210M2S110	APT210M3S110	APT210M4S110
SC/PC 1.5m LSZH	APT210M1S115	APT210M2S115	APT210M3S115	APT210M4S115
SC/PC 2m LSZH	APT210M1S120	APT210M2S120	APT210M3S120	APT210M4S120
SC/PC 3m LSZH	APT210M1S130	APT210M2S130	APT210M3S130	APT210M4S130

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: 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			