

FIBRE PIGTAIL

Fibre pigtails are used in permanent connections between patch panels and incoming cables / single blown fibres. Pigtails are pre-constructed 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

MECHANICAL DATA

Crush (N)	800
Impact (Nm)	0.2
Operating Temperature	-40°C to +85°C
Temp - Installation	0°C to +70°C
Bend Radius	30mm

OPTICAL CHARACTERISTICS (FIBRE)

Fibre Type	Max. Attenuation (dB/km)				Min. Overfill Launch Bandwidth (Mhz•km)		Min. Gigabit Ethernet Link Distance (m)		
	850nm	1300nm	1310nm	1550nm	850nm	1300nm	Gigabit		10Gigabit
							850nm	1300nm	850nm
OM1 62.5/125	≤2.7	≤0.6	-	-	≥200	≥600	275	550	-
OM2 50/125	≤2.5	≤0.7	-	-	≥500	≥500	550	550	-
OM3 50/125	≤2.3	≤0.6	-	-	≥1500	≥500	1000	600	300
OM4 50/125	≤2.3	≤0.6	-	-	≥3500	≥500	1000	600	550
OS1 9/125 [G652.B]	-	-	≤0.34	≤0.20	-	-	-	-	-
OS2 9/125 [G652.D]	-	-	≤0.34	≤0.24	-	-	-	-	-
OS2 9/12 [G5657.A1]	-	-	≤0.35	≤0.21	-	-	-	-	-
OS2 9/125 [G657.A2]	-	-	≤0.35	≤0.21	-	-	-	-	-
OS2 9/125 [G655]	-	-	-	≤0.22	-	-	-	-	-

OPTICAL PERFORMANCE DATA (CONNECTOR)

	ST PC/UPC/APC	SC PC/UPC/APC	FC PC/UPC/APC	MT RJ	LC (MM/SM)
Insertion Loss (dB) Max.	≤0.3	≤0.3	≤0.3	≤0.6	≤0.3/0.2
Insertion Loss (dB) Typical.	≤0.2	≤0.2	≤0.2	≤0.3	≤0.2/0.1
Return Loss (dB)	≥45/≥50/≥60	≥45/≥50/≥60	≥45/≥50/≥60	≥45	≥45

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ORDERING INFORMATION

SC PIGTAIL

Description	Part Number	
Singlemode	OS1	OS2
SC/PC 1m PVC	341-10S1S110	341-10S2S110
SC/PC 1.5m PVC	341-10S1S115	341-10S2S115
SC/PC 2m PVC	341-10S1S120	341-10S2S120
SC/PC 3m PVC	341-10S1S130	341-10S2S130
SC/PC 1m LSZH	342-10S1S110	342-10S2S110
SC/PC 1.5m LSZH	342-10S1S115	342-10S2S115
SC/PC 2m LSZH	342-10S1S120	342-10S2S120
SC/PC 3m LSZH	342-10S1S130	342-10S2S130
SC/UPC 1.5m LSZH	342-10S1S215	342-10S2S215

Description	Part Number			
Multimode	OM1	OM2	OM3	OM4
SC/PC 1m PVC	341-10M1S110	341-10M2S110	341-10M3S110	341-10M4S110
SC/PC 1.5m PVC	341-10M1S115	341-10M2S115	341-10M3S115	341-10M4S115
SC/PC 2m PVC	341-10M1S120	341-10M2S120	341-10M3S120	341-10M4S120
SC/PC 3m PVC	341-10M1S130	341-10M2S130	341-10M3S130	341-10M4S130
SC/PC 1m LSZH	342-10M1S110	342-10M2S110	342-10M3S110	342-10M4S110
SC/PC 1.5m LSZH	342-10M1S115	342-10M2S115	342-10M3S115	342-10M4S115
SC/PC 2m LSZH	342-10M1S120	342-10M2S120	342-10M3S120	342-10M4S120
SC/PC 3m LSZH	342-10M1S130	342-10M2S130	342-10M3S130	342-10M4S130

ORDERING GUIDE

Fibre Pigtail	Jacket	Thickness	Fibre Type	Connector	Polish	Length
34	1:PVC	1:0.9mm	OM1	S:SC	1:PC	10:1m
		2:1.6mm	OM2	T:ST	2:UPC	15:1.5m
	2:LSZH	3:2.0mm	OM3	F:FC	3:APC	20:2m
		4:3.0mm	OM4	L:LC	4:APC 8°	25:2.5m
	OS1	OS2	OM5	M:MTRJ		30:3m
			OS1	E:E2000		50:5m
			OS2			
			7A1 = G657.A1			
			7A2 = G657.A2			
			7B2 = G657.B2			
7B3 = G657.B3						
500 = G655						