FIBER-OPTIC PIGTAIL, SCPC OM3
Datasheet

Pigtail MM OM3 SCPC

Scope of supply:

- Pigtail in transparent ZIP bag 1 pc
- Test report printed on P/N Label

TECHNICAL DATA

Simplex Cable

Criteria		Value		Standard
Cable ø [mm]		2.0 (± 0.1)	3.0 (± 0.15)	
Material		LSZH	LSZH	
Secondary coating	Diameter [µm] Material	900 (± 5%) LSZH		
Nominal weight [kg/km]		2.2	5.5	
Temperature range [°C]	Storage Installation Operation	-25 up to +60 -10 up to + 50 -20 up to + 60		IEC 61300-2-22
Maximum tensile strength [mm]	Installation Operation	200 100	200 100	IEC 60794-1-2 E1
Minimum bending radius [mm]	Installation Operation	50 25	50 30	IEC 60794-1-2 E11
Compressive strength [N/10cm]	Short term Permanent	250 100	500 100	IEC 60794-1-2 E13
Heat of combustion [MJ/m]		0.08	0.18	

Fiber types available

Description	ISO/IEC 11801	IEC 60793-2-50/10	ITU-T	EIA/TIA
Singlemode SM (PC and APC polishing)	OS 2 --- --- --- ---	B1.3 B6_a1 B6_a2 B6_b2 B6_b3	G.652.D G.657.A1 G.657.A2 G.657.B2 G.657.B3	492CAAB --- --- --- ---

Optical properties (as per IEC 61753-1)

Description		Grade B/2	Grade C/2	Grade D/3
Insertion loss IL [dB]	97% Typical value	≤ 0.25 ≤ 0.12	≤ 0.50 ≤ 0.25	≤ 1.00 ≤ 0.50
Return loss RL [dB]	97% Typical value	≥ 45 ≥ 55	≥ 45 ≥ 55	≥ 35 ≥ 45

Mechanical properties

Criteria		Value	Standard
Mating durability [times]		500x (minimum)	IEC 61300-2-2
Retention [N / s]	Cable Pigtail	100 / 120 5 / 60	IEC 61300-2-4
Vibration		10-55Hz, 1 octave / min. 3 axis of 15 cycles, 0.5h / axis amplitude 0.75 mm	IEC 61300-2-1
Repeated bending [100 Cycles]	Cable Pigtail	Load 5N (-90° / 0° / +90° / 0°C Load 0.2N (-90° / 0° / +90° / 0°C)	IEC 61300-2-44
Static side load [N / min]	Cable Pigtail	1 / 60 0.2 / 5	IEC 61300-2-42
Drop [m]		1.5 (5 times	IEC 61300-2-12

Part Numbers P/N

P/N	Description	P/N	Description
R198365	PT-OM3-SCPC-TB-0.9MM-1.5M		