INSHEILD

MAIN STRUCTURE

DESCRIPTION:

IInsheild offers a wide range of pigtails; multimode fibre optic pigtails are manufactured from the highest quality 900 micron. Optical fibre multimode pigtails are used to connect high speed networks like gigabit Ethernet, fast Ethernet and Ethernet. The multimode pigtail buffer conforms to IEC, EIA TIA or Telcordia standards. The multimode pigtails are terminated with high quality connector which gives optimum optical performance. Each pigtail has a strain relief boot to prolong and maintain performance levels of the assembly.

FEATURES

1.Each pigtail Supplied with test certificate and optical results
2.100% optically tested in factory
3.Cable Outer Jackets are available in Riser (OFNR), Low Smoke Zero Halogen (LSZH, Plenum (OFNP).
4.Available in Multimode OS1 and OS2 (62.5/125, 50/125)
5.Low insertion loss and back reflection.
6.900 µm tight buffer or easy strip
7.APC type connectors are available
8.Color connector boot for east for identification
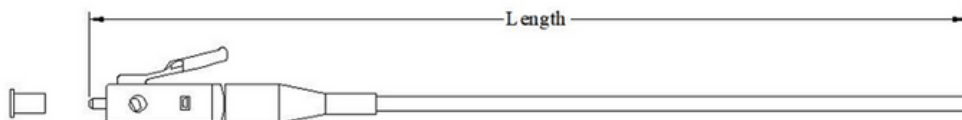9.RoHS and REACH materials compliant.

APPLICATION

- Datacenter applications
- Telecommunication networks
- LAN, MAN and WAN application
- Data processing networks
- CATV - Cable television
- Fiber-To-The-Home (FTTH)
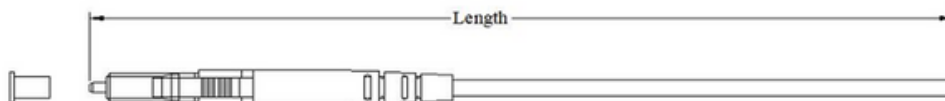- Premises distribution

STANDARDS

- TIA/EIA-568-B.3
- ISO/IEC 11801
- ITU-T G.651 compliant

TECHNICAL DRAWING

1. LC 0.9MM SIMPLEX PIGTAIL

2. LC 2.0MM&3.0MM SIMPLEX PIGTAIL

TECHNICAL DATA

Technical Parameters	VALUE/VALUE RANGE				
Connector type (A)	ST	LC	SC	FC	MTRJ
Insertion Loss (Typical dB)	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3
Return Loss dB	≥40	≥40	≥40	≥40	≥40
Interchange Capability 1000 Times	<0.1dB	<0.1dB	<0.1dB	<0.1dB	<0.1dB
Cable type	Pigtail				
Cable jacket characteristics	Cable, metal-free Zero-halogen				
Mechanical Endurance (500T) dB	≤0.2 dB	≤0.2 dB	≤0.2 dB	≤0.2 dB	≤0.2 dB
Fiber type	Multimode				
Fiber class	OM1,OM2, OM3, OM4				
Operating Temperature ℃	-40℃ ~ +75 ℃				
Storage Temperature ℃	-40 ℃ ~ +85 ℃				
Cable Outer jacket characteristics	Riser (OFNR), Low Smoke Zero Halogen (LSZH), Plenum (OFNP).				
Polishing plug (A)	UPC, PC				
Cable Diameter	Cable overall diameter Ø 0.9 mm				

ORDERING INFORMATION

Partnumber	Description
IN-PG-SC-62-X-Y	SC Multi Mode 62.5/125µ Fiber Optic Pigtail
IN-PG-LC-62-X--Y	LC Multi Mode 62.5/125µ Fiber Optic Pigtail
IN-PG-SC-50-X--Y	SC Multi Mode 50/125µ Fiber Optic Pigtail
IN-PG-LC-50-X--Y	LC Multi Mode 50/125µ Fiber Optic Pigtail
IN-PG-SC-50-OM3-X--Y	SC Multi Mode OM3 50/125µ Fiber Optic Pigtail
IN-PG-LC-50-OM3-X--Y	LC Multi Mode OM3 50/125µ Fiber Optic Pigtail
IN-PG-SC-50-OM4-X--Y	SC Multi Mode OM4 50/125µ Fiber Optic Pigtail
IN-PG-LC-50-OM4-X--Y	LC Multi Mode OM4 50/125µ Fiber Optic Pigtail

- X (Length)-A1- 1 Meter, A2- 1.5 Meter, A3- 2 Meter, A4- 2.5 Meter, A4- 3 Meter
- Y (Color) - B1- Orange, B2-AQUA, B3- Magenta