



PRODUCT DATASHEET

Fibre Optic Assemblies & Components

Singlemode Pigtails

ISHCO NETWORK SOLUTIONS

OS1

OS2

G.652

G.655

G.657

ISHCO offers a wide range of pigtails, designed and manufactured for demanding network applications. The range comprises singlemode **OS1** and **OS2** (9/125).

Available in simplex with the following connector types: ST, SC, LC, FC, E2000, SMA, MTRJ, MU and more, in UPC or APC. Colored jacket, 0.9 mm, 2 mm or 3 mm and fan-out available upon request.

ST

SC

LC

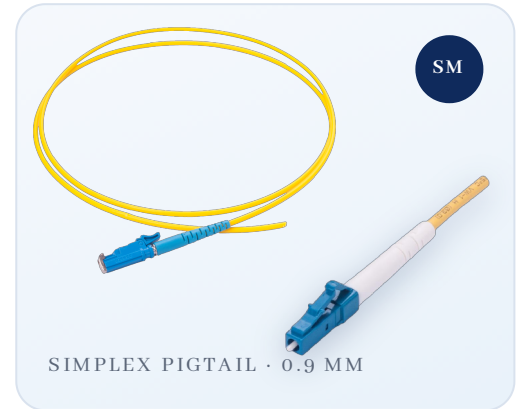
FC

E2000

SMA

MTRJ

MU



Features & Benefits

01

- ✓ ISO certified laboratory
- ✓ 100% tested on optical performance (Insertion Loss & Return Loss)
- ✓ End-face geometry requirement comply to Telcordia GR-326-CORE
- ✓ Compliant with RoHS, IEC 874-14, TIA/EIA-568-B.3 and ISO/IEC 11801, IEC-61754-7, TIA-604-5
- ✓ For end-to-end fibre cable connectivity
- ✓ High concentricity 2.5 mm ceramic ferrule for FC, ST, SC and 1.25 mm ceramic ferrule (Zirconia) for LC and MU
- ✓ APC connector type available
- ✓ Available in Singlemode OS1 and OS2 (9/125) G.652, G.655, G.657B3
- ✓ Cable outer jacket available in Riser (OFNR), Low Smoke Zero Halogen (LSZH), Plenum (OFNP)
- ✓ Standard colour is Yellow or White, other colours available upon request
- ✓ Coloured connector boot for easy identification
- ✓ Customer specified length
- ✓ Corning fibre available

Technical Specifications

02

Parameter	ST	SC	LC	MTRJ	FC
Insertion Loss dB @ 850 nm	<0.2	<0.2	<0.2	<0.5	<0.2
Return Loss dB @ 1330 nm	>50	>50	>50	>30	>50
Dispersion Coefficient nm/km @ 1310 nm	<3.0	<3.0	<3.0	<3.0	<3.0
Dispersion Coefficient nm/km @ 1550 nm	<18.0	<18.0	<18.0	<18.0	<18.0
Attenuation Maximum dB @ 1310 nm	<4.0	<4.0	<4.0	<4.0	<4.0
Attenuation Maximum dB @ 1550 nm	<3.0	<3.0	<3.0	<3.0	<3.0
Outer Diameter mm	0.9				
Sheath Material	IEC 874-14 LSZH				
Operating Temperature °C	-40 °C to +80 °C				



WEBSITE

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LOCATION

Erbil, Sultan Muthafar

SCAN TO VISIT





Singlemode Pigtails

Common Connector Types

03

E2000	E2000/APC	MTRJ	MU
FC	FC/APC	SC	SC/APC
LC	LC/APC	ST	+ More SMA and other types available on request

Note: Listed above are our standard connector types. Should you require a connector type that isn't in the table above, please contact us as more types are available in most combinations.

Ordering Information

04

Using the available configurations, amend / create a part number using the formula below.

CONNECTOR A	FIBRE TYPE B	PRODUCT C	LENGTH D
SC	OS1	P	1.5
LC	OS1 · 9/125	Pigtail	1 m
SC	OS2 · 9/125		1.5 m
E2000	G.652		2 m
FC	G.655		...
ST	G.657		10 m
MU			
SMA			
MTRJ			
APC e.g. "SCA"			

SCOS1P1.5

Example: Connector **SC** · Fibre Type **OS1** · Pigtail · Length **1.5 m** — for APC add A after the connector (e.g. **SCAOS1P1.5**)



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