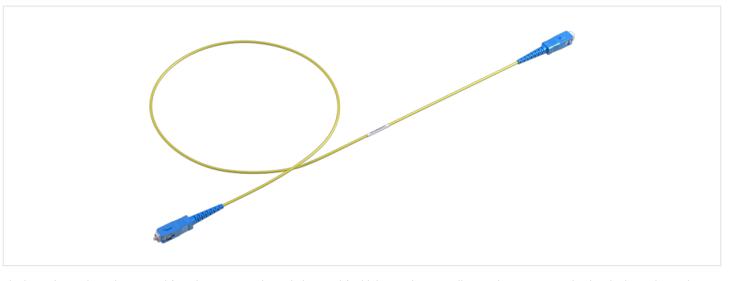
OS2 SM Simplex/Duplex Patch Cord Datasheet





Single mode patch cords are used for telecom networks and also used for high speed metropolitan and access network. The single mode patch cords are manufactured using LSZH cables which conform to IEC, EIA TIA or Telcordia standards. The OS2 patch cords are terminated with standard connectors which give optimum optical performance.

Features

- FC, LC, MTRJ, MU, SC and ST connectors
- UPC and APC connectors
- Low smoke zero halogen (LSZH) jacket in yellow colour
- 900µm or 600µm tight buffer
- OS1/OS2 cabled fibre conforms to ITU-T G.652D, TIA/EIA 492 CAAB or ITU-T G.657A1
- Simplex and duplex assemblies
- Duplex assemblies available with clips (SC and LC)
- Different connector performance range for specific application available
- Armoured option also available
- REACH, RoHS & SvHC materials compliant

Applications

- CATV / Video
- Passive Optical Network PON
- WDM / DWDM
- FTTH
- Data centres
- Supports high speed multi channel video, data and voice services in metropolitan and access networks
- ATM, SONET and WDM

Specification

Connector Specification

OPTICAL PERFORMANCE SINGLEMODE CONFORMANCE

 IL Max/Master (Acceptance)
 0.25dB
 IEC 61300-3-4

 Ave/Master
 0.18dB
 IEC 61300-3-4

 Ave/Random
 0.18dB
 IEC 61300-3-34

 Return Loss
 55/65dB
 IEC 61300-3-6

Cable Specification

CHARACTERISTICS	SIMPLEX	DUPLEX
Cable Material	LSZH	LSZH
Strength Member	Aramid	Aramid
Crush (N)	1000	1000
Operating Temperature (°C)	-20 to 60	-20 to 60
Fire Specification	IEC 60332-1	IEC 60332-1

Fibre Specification

CHARACTERISTICS

Attenuation (dB / km) 0.38 @ 1310nm / 0.25 @

ation (dB / km) 1550nm

Chromatic Dispersion (ps/nm x km) 3.0 @ 1310nm / 18.0 @ 1550nm

Ordering Information

Connector End A			
FC	FC		
FCA	FCA		
LC	LC		
LCA LCA			
MTRJ	MTRJ*		
MU	MU		

Connector End B			
FC	FC FCA LC		
FCA			
LC			
LCA	LCA		
MTRJ	MTRJ*		
MU	MU		

Mode			
09 G.652D			
7A1	G.657A1		

	Cable Configuration				
S Simplex					
D	Duplex				
FD	Flat Duplex				

Cable Colour			
YE	Yellow		

Cable Lengt		
1	1 metre	
2	2 meter	
3	3 meter	
5	5 meter	
10	10 mete	
хх	Specify	

SC	SC		SC	SC
SCA	SCA	Ī	SCA	SCA
ST	ST	Ī	ST	ST

* MTRJ is only available in MiniZip duplex

Example Part Number

FC	SC	09	S	YE	3

This part number has created a 3 metre simplex FC to SC OS1/OS2 patch cord in yellow.

SCAN OR FOR PRODUCT PAGE

Further Information



- For additional information please contact your sales representative
- Downloaded from http://www.fibrefab.com/products/patch-cords/os2-sm-simplexduplex-patch-cord/
- FibreFab reserves the right to make changes to the product specifications in this datasheet at any time without notice
- Information in this document is correct as of August 26, 2015

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