



Description: The Fiber optic connectors are mainly used in the telecommunications market due to precision interconnect and secure connection . These connector can be seen in every area of the communication environment .

The connectors are supplied with the best quality components complying to standards like EIA-TIA-568 Termination procedure follows with Cable end preparation followed with epoxy - curing and polishing . Connectors are available with 2 mm / 3 mm cable and 900 Micron buffered fiber

Single Mode Connector (Insertion Loss / Return Loss)

All the Optical Tests are performed at 1310 & 1550 ± 10nm.
Insertion Loss / Return Loss for Single mode connectors as per table Below:

Type	Connector End Face Condition								
	“ PC “ Polished			“ UPC “ Polished			“ APC “ Polished		
	IL (Typical) dB	IL (Max) dB	RL (Min) dB	IL (Typical) dB	IL (Max) dB	RL (Min) dB	IL (Typical) dB	IL (Max) dB	RL (Min) dB
FC	0.25	0.45	45	0.20	0.30	55	0.25	0.40	60
SC	0.25	0.45	45	0.20	0.30	55	0.25	0.40	60
LC	0.25	0.45	45	0.20	0.30	55	0.25	0.40	60
ST	0.25	0.45	45	0.20	0.30	55	0.25	0.40	60
MU	0.25	0.45	45	0.20	0.30	55	X	X	X

Multi Mode Connector (Insertion Loss / Return Loss)

All the Optical Tests are performed at 850 & 1300 ± 20nm.
Insertion Loss / Return Loss for Multi mode connectors as per table Below:

	“ PC/UPC “ Polished		
	IL (Typical) dB	IL (Max) dB	RL (Min) dB
FC	0.25	0.45	25
SC	0.25	0.45	25
LC	0.20	0.45	25
ST	0.25	0.45	25

Ordering Information:

Example: ATCS-01-01-SX-SM-02-01
Description: ATCS FC/PC Simplex, Single Mode, Connector with 2 mm, Boot Size and Blue Boot Color.

ATCS-XX XX-XX-XX-XX-XX

Connector		Polishing		Type		Fiber		Boot Size		Boot color	
01	FC	01	PC	SX	Simplex	SM	Single Mode	01	0.9 mm	01	Blue
02	SC	02	UPC	DX	Duplex	MM	Multi Mode	02	2 mm	02	Black
03	LC	03	APC					03	3.0 mm	03	White
04	ST									04	Green
05	MU									05	Red
06	MTRJ									06	Beige
07	D4									07	Customer Specified
08	E2000										