



Description: The Fiber optic connectors are mainly used in the telecommunications market due to precision interconnect and secure connection. These connectors 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

