

FIBER OPTIC COMMUNICATION

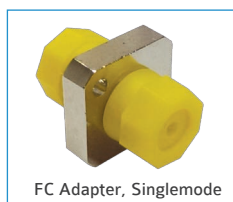
Fiber Optic Adapter

Optical Adapter/Coupler

Fiber Optic Adapter



SC Adapter, Simplex



FC Adapter, Singlemode



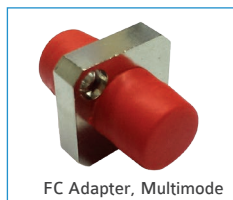
LC Adapter, Singlemode



ST Adapter, Singlemode



SC Adapter, Duplex



FC Adapter, Multimode



LC Adapter, Multimode



ST Adapter, Multimode

Overview

Optic Digital offers an extensive range of optical adapters for use in FTTx, telecommunications, data communications and CATV applications. All adapters are fully qualified to Telcodia GR326 and IEC 61300 and all materials used are RoHS compliant. Adapters can be supplied in a variety of colors and types such as SC, FC, ST, LC, E2000 etc.

Features

- Qualified to Telcodia GR326 and IEC 61300 standards and RoHS compliant materials.
- Available for many different connector types such as SC, FC, ST, LC, E2000, MTRJ etc.
- All adapters are supplied with ceramic inserts.
- Supplied in a range of different colors to match connector type.
- Both simplex and duplex adapters are available.

Applications

- FTTx
- Telecommunications
- CATV
- Test and measurement
- Data Communication

Technical Data

	Singlemode (1310 / 1550nm)	Multimode (850nm)
Maximum Insertion Loss (dB)	≤ 0.3 Typical 0.2 (UPC and APC)	≤ 0.4 (UPC)
Return Loss (dB)	≥ 55 (UPC), ≥ 65 (APC)	Not measured
Intermateability	IEC 874-14	IEC 874-4
Operating temperature	-40°C to + 85°C	-40°C to + 85°C