Fiber Connector/Coupler
A variety type of Fiber Optic Connectors/Couplers

Overview

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

Features

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

Applications

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

SC Adapter, Simplex

SC Adapter, Duplex

FC Adapter, Singlemode

FC Adapter, Multimode

LC Adapter, Singlemode

LC Adapter, Multimode

ST Adapter, Singlemode

ST Adapter, Multimode

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

Available Options

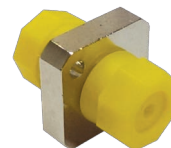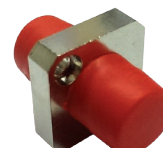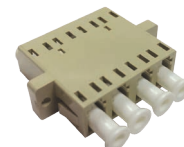| ODCPLDSCSM	Singlemode SC duplex fiber optic coupler	SC coupler (duplex)
ODCPLSSCSM	Singlemode SC simplex fiber optic coupler	SC coupler (simplex)
ODCPLDLCSM	Singlemode LC duplex fiber optic coupler	LC coupler (duplex)
ODCPLSLCSM	Singlemode LC simplex fiber optic coupler	LC coupler (simplex)
ODCPLSSTSM	Singlemode ST simplex fiber optic coupler	ST coupler (simplex)