

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 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 complaint materials. Flamability rate: UL94V-0
- Available for many different connector types such as SC, FC, ST, LC, E2000, MTRJ etc.
- Insertion Loss $\leq 0.5\text{dB}$
- All couplers are supplied with ceramic inserts. Durability more than 1000 times
- 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

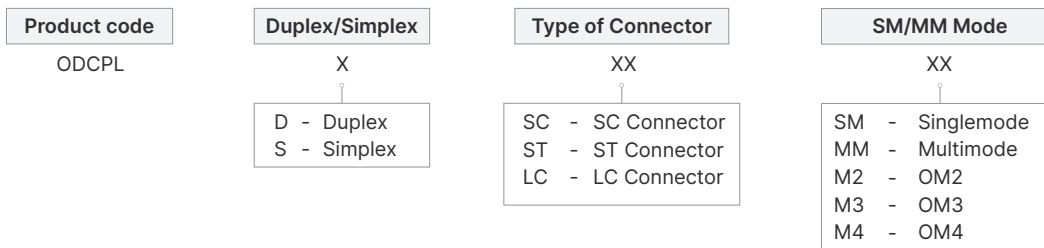


ST Adapter, Multimode

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

Ordering Information



Example

ODCPLDSCSM = Duplex SC singlemode fiber optic coupler.

ODCPLSLCM3 = Simplex LC Multimode OM3 fiber optic coupler.