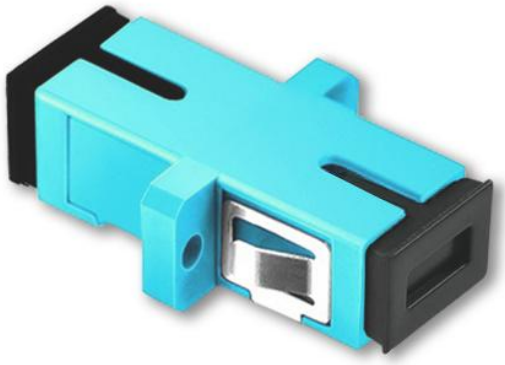
ZORA OM3 Multimode Single-Core Coupler SC-SC

The ZORA OM3 Multimode Single-Core coupler (also known as an adapter) is designed to provide a system of precise alignment of optical fibers for two paired fiber connectors. It is the precision alignment of the two end faces of an optical fiber to maximize the coupling of the light energy output from the transmitting fiber to the receiving fiber.

ZORA's fiber optic couplers allow transmission of a light source between the fibers with minimal insertion loss while maintaining excellent interactivity and insertion and removal life (times).



Standards Compliance

- ANSI/TIA 568 D.3
- ISO/IEC 11801

ZORA OM3 Multimode Single-Core coupler Features

- adopts high precision zirconia to ensure good physical bearing capacity and plugging performance;
- good compatibility, small fiber concentricity error;
- excellent plugging life (times);
- low insertion loss, high reliability and stability;
- offers a wide range of model classifications: FC, SC, ST, LC, MTRJ, MU, and so on.

Product Applications

- Fiber Optic Communications;
- Regional, Wide Area & Global Networks;
- High Electromagnetic Interference (EMI / RFI) environments;

Technical specification

Mode Type	OM3
Ferrule Diameter	2.5mm
Number of Insertions	≥ 500
Connection Type	SC female
Protection Rating	IP20
Ambient Temperature (Operating)	-40°C ~ +80°C
Ambient Temperature (Storage)	-40°C ~ +85°C
Number of Fiber Optics	1Fiber
Shell Material	Plastics
Ferrule Material	Zirconia Ceramics
Insertion Loss	≤0.2dB
Return Loss (dB) Singlemode	≥ 30dB
Return Loss (dB) Multimode	≥ 45 dB