



LEAD Fiber Optics PRODUCT CATALOGUE

TOSA ROSA RECEPTACLE

TOSA ROSA Receptacle



TOSA/ROSA Receptacles also have a function of aligning the Optical Module Axis. They are assembled with ferrules and precision lathe metal parts. TOSA/ROSA Receptacles are normally built with 1.25mm or 2.5mm fiber stubs and ceramic split sleeves, both made exclusively in high performance Ceramic (Zirconia).

TOSA/ROSA Receptacle consisting of a built in Fiber Stub are the most important Optical Module Component. Receptacles connect optical connectors with Optical Modules commonly known as TOSA/ROSA Assemblies.

We are sufficient to make many kinds of TOSA/ROSA receptacle according to customer design with integrated function of our facilities. Base on our machining techniques. We can make various type of main body, and also cut and polish the fiber stub by ourselves. We supply SC and LC TOSA/ROSA Receptacle. However other dimensions are available.

LFO TOSA ROSA Receptacle Series



TOSA ROSA Receptacle

The receptacle has a sleeve to capture and align the incoming connector ferrule. Our Receptacles are normally built with 1.25mm or 2.5mm Fiber Stubs and Split Sleeves, both made exclusively in high performance Ceramic, Our Receptacle are typically custom made parts depending on the end user's design.

TOSA/ROSA Receptacle

Features

- Precise dimension control with small tolerance
- SC (2.5mm), LC (1.25mm) Type are available
- High clean Stub and Fiber surface
- Strong and Precise assembly structure
- Low insertion Loss
- Low return Loss

Applications

- Laser diode pig tailing
- Hermetic package
- Integrated optics package



Specifications

ITEM	VALUES	
Mode Type	Single mode	
Model name	LC	SC
Insertion Loss, dB	0.3	
Return Loss, dB	45	
Operating Temperature, °C	-40°C ~ 75°C	
Ferrule Length	7.4~9.4mm (To any specified length)	9.5~14mm (To any specified length)

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