



## FEATURES

- High intensity, High precision
- High core alignment
- Zirconia ceramic ferrule
- Good repeatability and exchangeability

## APPLICATIONS

- Optical Fiber Communication System
- Optical Access Network
- Optical Fiber CATV
- FTTX
- Optical Test Instruments

## TECHNICAL SPECIFICATIONS

| Adaptor Type          | Single Mode         | Multimode |
|-----------------------|---------------------|-----------|
| Insertion Loss        | ≤ 0.2 dB            |           |
| Repeatability         | ≤ 0.1 dB 1000 Times |           |
| Durability            | ≤ 0.2 dB 1000 Times |           |
| Operating temperature | -40°C ~ +80°C       |           |



**ORDERING INFORMATION - SINGLE MODE**

| Part Number                                                                                            | Description                                           |
|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| CTS-FOAD-SC-SM-SX                                                                                      | SC-SC Single Mode Simplex Fiber Optic Adaptor         |
| CTS-FOAD-SC-SM-DX                                                                                      | SC-SC Single Mode Duplex Fiber Optic Adaptor          |
| CTS-FOAD-SCSC/APC-SM-SX                                                                                | SC/APC-SC/APC Single Mode Simplex Fiber Optic Adaptor |
| CTS-FOAD-SCSC/APC-SM-DX                                                                                | SC/APC-SC/APC Single Mode Duplex Fiber Optic Adaptor  |
| CTS-FOAD-LC-SM-DX                                                                                      | LC-LC Single Mode Duplex Fiber Optic Adaptor          |
| CTS-FOAD-LCLC/APC-SM-DX                                                                                | LC/APC-LC-APC Single Mode Duplex Fiber Optic Adaptor  |
| CTS-FOAD-LC-SM-QD                                                                                      | LC-LC Single Mode Quad Fiber Optic Adaptor            |
| CTS-FOAD-LCLC/APC-SM-QD                                                                                | LC/APC-LC/APC Single Mode Quad Fiber Optic Adaptor    |
| CTS-FOAD-XX-SM-YY                                                                                      |                                                       |
| XX-SC, LC, FC, ST, LC/APC, SC/APC, ST/APC, FC/APC etc... YY-SX for Simplex, DX for Duplex, QD for Quad |                                                       |

**ORDERING INFORMATION - MULTIMODE**

| Part Number                                                                  | Description                                  |
|------------------------------------------------------------------------------|----------------------------------------------|
| CTS-FOAD-SC-MM-SX                                                            | SC-SC Multi Mode Simplex Fiber Optic Adaptor |
| CTS-FOAD-SC-MM-DX                                                            | SC-SC Multi Mode Duplex Fiber Optic Adaptor  |
| CTS-FOAD-LC-MM-DX                                                            | LC-LC Multi Mode Duplex Fiber Optic Adaptor  |
| CTS-FOAD-SC-OM3-SX                                                           | SC-SC OM3 Simplex Fiber Optic Adaptor Aqua   |
| CTS-FOAD-SC-OM3-DX                                                           | SC-SC OM3 Duplex Fiber Optic Adaptor Aqua    |
| CTS-FOAD-LC-OM3-DX                                                           | LC-LC OM3 Duplex Fiber Optic Adaptor Aqua    |
| CTS-FOAD-SC-OM4-SX                                                           | SC-SC OM4 Simplex Fiber Optic Adaptor Purple |
| CTS-FOAD-SC-OM4-DX                                                           | SC-SC OM4 Duplex Fiber Optic Adaptor Purple  |
| CTS-FOAD-LC-OM4-DX                                                           | LC-LC OM4 Duplex Fiber Optic Adaptor Purple  |
| CTS-FOAD-XX-MM-YY                                                            |                                              |
| XX-SC, LC, FC, ST, MTRJ etc... YY-SX for Simplex, DX for Duplex, QD for Quad |                                              |