

# SUMMIT TELECOM

©2013 SUMMIT TELECOM ALL RIGHTS RESERVED

Web: [www.summittelecomm.com](http://www.summittelecomm.com)

E-mail: [sales@summittelecomm.com](mailto:sales@summittelecomm.com)

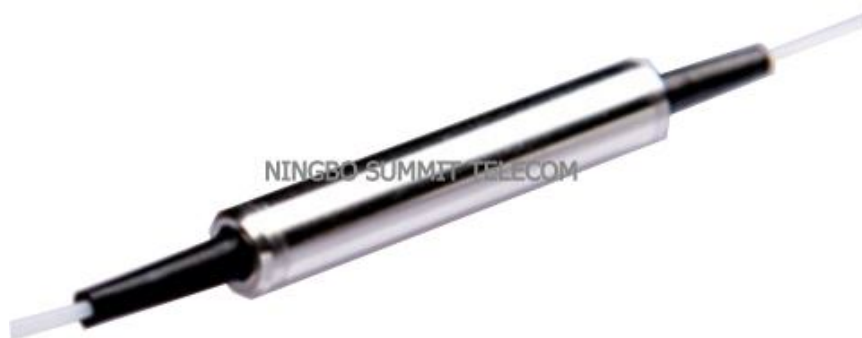
[summittelecomm@hotmail.com](mailto:summittelecomm@hotmail.com)



## Fiber Optic Connection Components

Item Code:STFI

### Optical Isolator



NINGBO SUMMIT TELECOM ALL RIGHTS RESERVED 2011

#### Features:

- Single Stage L-Band Isolator, Dual Stage L-Band Optical Isolator, Polarization Insensitive Isolator.

- High Isolation
- Low Insertion Loss
- High Return Loss
- Low PDL
- Optical Path Epoxy Free

**Applications:**

- Fiber optical Amplifiers
- CATV System
- Fiber optical system testing
- LAN
- Telecommunications

**Technical Specifications:**

Parameter	Super Premium	Premium	A Grade
Wavelength	1585nm		
Peak Isolation(Typ.) (1565~1605nm,23℃, SOP)	≥42dB	≥41dB	≥40dB
Isolation(Min.) (1565~1605nm,23℃, SOP)	≥32dB	≥31dB	≥30dB
Insertion Loss(Typ.) (1565~1605nm,23℃, SOP)	0.25dB	0.30dB	0.40dB
Isolation(Max.) (1565~1605nm,0-60℃, SOP)	≤0.40dB	≤0.50dB	≤0.70dB
Return Loss(In/Out)	≥65/60dB	≥65/60dB	≥60/55dB
Polarization Dependent Loss	≤0.05dB	≤0.05dB	≤0.10dB
Bandwidth(nm)	±15nm		
Operating Temperature(℃)	-20~+70		
Storage Temperature(℃)	-40~+85		
Fiber Type	Corning SMF-28		
Fiber Pigtail Length	1Meter Each End		
Fiber Pigtail Type	250um bare fiber or 900um tight buffer		
Package Dimension	5.5X30mm		
Maximum Power	300mW		