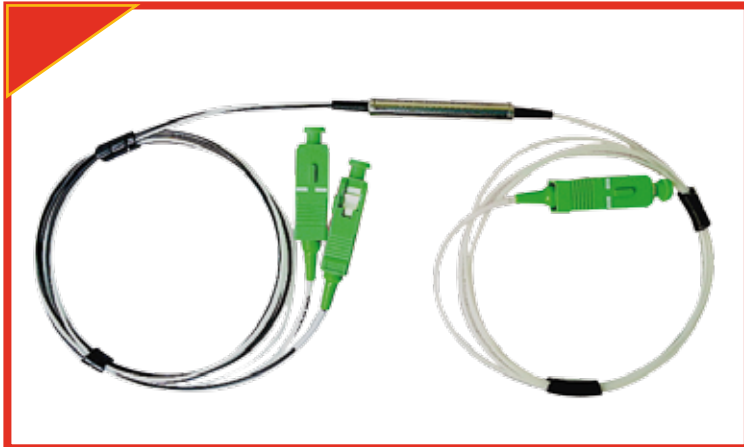


**PART NUMBER:
WDM-100-SCA-100-SCA-09**

WAVELENGTH DIVISION MULTIPLEXING



FEATURES

Transmission 1640~1670nm,
Reflection 1260~1620nm FWDM,
0.9mm loose tube with SC/APC connector,
Fiber length ≥1.0m,
Package Dimension: Φ5.5×L34.

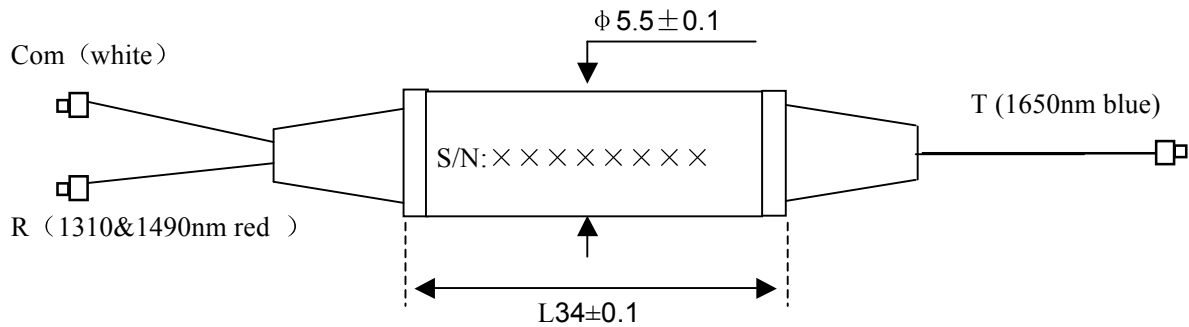
TECHNICAL SPECIFICATION

Parameters		Unit	Specifications	
Operating Wavelength		nm	1260~1670	
Passband Wavelength		nm	1640~1670	
Reflection Band Wavelength		nm	1260~1620	
Insertion Loss	Transmission	Max	dB	1.00
	Reflection	Max	dB	0.70
Isolation	Transmission	Min	dB	25
	Reflection	Min	dB	15
Passband Ripple		Max	dB	0.30
Polarization Dependent Loss		Max	dB	0.10
Directivity		Min	dB	50
Return Loss		Min	dB	45
Temperature Dependent Loss		Max	dB/°C	0.005
Polarization Mode Dispersion		Max	ps	0.10
Power Handling		Max	mW	300
Fiber Type				SMF-28e
Connector Type				SC/APC
Pigtail Type				0.9mm loose tube
Fiber Length		m		≥1.0
Operating Temperature		°C		-10~70
Storage Temperature		°C		-40~85
Package Dimension		mm		Φ5.5×L34

Notes: Insertion Loss tested includes connectors.

TECHNICAL SPECIFICATION

PACKAGE DRAWING:



TEST REPORT

The test report should be provided when the products are delivered. Following characteristic test data should be included:

- Insertion Loss@room temperature
- PDL@ room temperature
- Adjacent Channel Isolation@ room temperature

PACKAGING

Following items should be indicated on the outer packaging surface:

- Product Name
- Product Number
- Serial Number
- PN bar code
- SN bar code