

## PRODUCT SPECIFICATION

Pigtail with Fiber Bragg Grating

**PU-SA-OD509**

### FEATURES

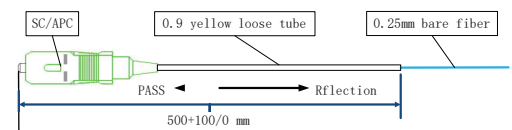
Low insertion loss

High return loss

Operating case temperature: -40°C to +85°C

Telcordia GR-1209 and GR-1221 compliant

RoHS6 compliant



### GENERAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Operating / Storage temperature	-40		+85	°C
Operating / Storage humidity	5%		95%	RH

### OPTICAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Operating Wavelength	Pass band	1260 - 1330 & 1490 - 1570		nm
	Reflect band	1645 - 1655		nm
Insertion Loss	Pass band		1.7	dB
	Reflect band	21.7		dB
Return Loss	Pass band	35		dB
	Reflect band		5	dB

Note: All specifications are given in worst case conditions over operating temperature range and all states of polarizations

### ORDERING INFORMATION

Part Number	Product Description
PU-SA-OD509	Pigtail (white) with SC/APC connector and embedded FBG (unidirectional)



## MECHANICAL DIMENSIONS

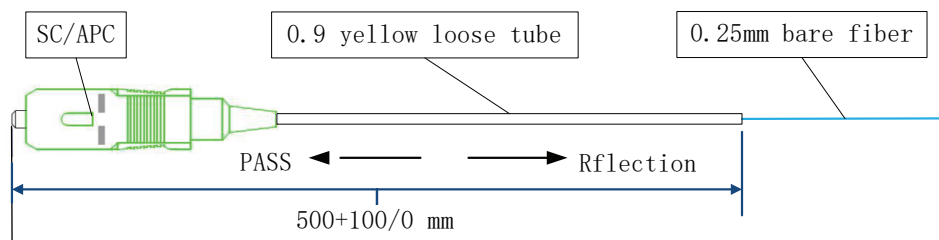


Fig : Pigtail (white) with SC/APC connector and embedded FBG

## REVISION HISTORY

Revision	Date	Author	Description
V 1.0	07-04-20	JGN	Initial Document

