

UNI-DIRECTIONAL TAP-PD MONITOR

Features

- Low insertion loss
- Unidirectional
- Customized tap ratio available
- Integrated devices, compact size
- Telcordia compliant
- RoHS compliant

Applications

- WDM channel monitoring
- Gain monitoring for amplifiers
- Optical network switch/protection monitoring

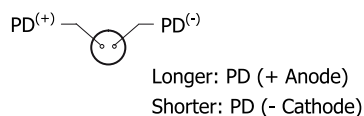
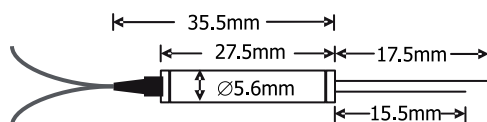


Specifications

Parameter		Specification			Unit
Operating Wavelength		C/L band			
Tap Ratio		1%	2%	5%	
Maximum Input Power		25	22	18	dBm
Responsivity		7~12	14~24	40~60	mA/W
Insertion Loss	Max	0.5	0.6	0.7	dB
Wavelength Dependent Loss	Max		0.3		dB
Temperature Dependent Loss	Max		0.3		dB
Return Loss	Min		40		dB
Directivity	Min		25		dB
Polarization Dependent Loss	Max		0.2		dB
Dark Current (at 25°C)	Max		1.0		nA
Reverse Voltage	Max		20 (Typ 5)		V
Operating Temperature Range			0~+70		°C
Storage Temperature Range			-40~+85		°C
Package Dimension (L*Ø)			27.5*5.6		mm

1. All values referenced without connector.
2. Directivity is defined as $-10\log(R_{out\ to\ in} - R_{in\ to\ out})$, where R is Responsivity.

Dimension



Order Information

UTPD-A-B-C-D

A	Standard/Mini Size	S: Standard size
B	Tap Ratio	01: 1% 02: 2% 05: 5%...
C	Fiber Type	1: 250m bare fiber 2: 900m tight buffer fiber
D	Connector Type	0: without connector 1: FC/PC 2: FC/UPC 3: FC/APC 4: SC/PC 5: SC/UPC 6: SC/APC 7: ST 8: LC 9: MU X: Customized