

Tap Power Monitor

FEATURES:

- InGaAs PIN photodiode
- Compact package
- Low insertion loss
- High channel isolation

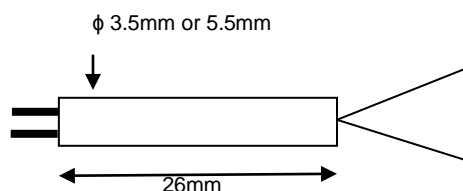
APPLICATIONS:

- FTTH
- Communications systems
- Optical fiber sensors
- Optical test instrumentation

The tap power monitor is a simple device designed to tap 1, 3 or 5% of the signal into a photodiode. The small, reliable, device is packaged in a rugged stainless steel tube.

SPECIFICATION				
Operating wavelength	nm	1260 to 1360, 1460 to 1620		
Tap ratio	%	1	3	5
Responsivity	mA/mW	0.008	0.025	0.04
Reflection band Insertion loss	dB	0.35	0.45	0.6
PD dark current	nA	1		
Return loss	dB	50		
PDL	dB	0.1		
Insertion loss thermal stability	dB / °C	0.005		
Power handling	mW	500		
Operating temperature	°C	-5 to +70		
Storage temperature	°C	-40 to +85		
Dimensions	mm	φ3.5 x L26 or φ5.5 x L26		
Fibre type		SMF 28		

PACKAGE STYLE:



PRODUCT ORDERING INFORMATION:

PTPM	-		-					-		-						-	
Tap:		Operating Wavelength		Cable diameter:		In/out connectors:		Package size:									
1 = 1%		(please specify):		0 = 250µm		e.g. FC/APC		A = φ3.5 x L26									
3 = 3%		12 = 1260 - 1360nm		1 = 900µm				B = φ5.5 x L26									
5 = 5%		14 = 1460 - 1620nm															

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