

# Hybird-UMIT

## Product Description

Rayzer's UMIT is a combination of a Tap filters, a PD and a C-band optical isolator, The hybrid device is a low cost with excellent optical performance including low IL, high isolation, low TDL, and low PDL. The product offers integrated solutions to EDFA applications by combining more functions into a very compact package. The product package dimension is about 3.0 × 30mm. The product are Telcordia GR-1221-CORE qualified, and RoHS compliant.



## Main Features

- Low loss
- High Isolation
- Compact size
- Excellent reliability

## Application

- Mini EDFA

## Technical Specifications

Optic Performance					
Parameters		Unit	Min	Typ	Max
Signal Channel Wavelength		nm	1528		1569
Insertion Loss(over SOP, All T) without Connector		99%			0.8
Responsivity, power at input port,1550nm		1%		7	13
Responsivity, power at input port, 980nm		1%			0.1
Input power at input port		1%			25
PDL					0.2
WDL					0.2
TDL					0.2
Polarization Mode Dispersion					0.1
RL			50		
Isolation (over SOP, All T)		2→1	20		
Directivity①			25		
Dark Current@25°C, 5V bias, 2G bandwidth					1
Reserve Voltage					20
Forward Current					10
Pigtail Length			1		
Fiber Type	Port1	G657.A2			
	Port2	G657.A2			
Fiber color	Port1	Natural			
	Port2	Black			
Connector		None			
Dimensions		mm	3.8 ( φ ) × 16 ( L )		