

## DPSK Demodulator

DPSK demodulator is subjected to DWDM system, convert phase modulation to amplitude modulation in support of data transmission rates of 40Gb/s and 100Gb/s. Accelink's DPSK demodulator is based on our patent-pending free-space technology, which is compact and polarization-independent

The products are Telcordia GR-1221-CORE qualified, RoHS compliant.



### Applications

DPSK demodulation Extend transmission distance

### Features

Low insertion loss  
Polarization independent

### Specifications

Parameter	Unit	Value
Wavelength Range	nm	C band : 1527-1567 L band : 1567-1607
FSR	GHz	43 66.7 100
FSR Error	%	<1
Insertion Loss	dB	<1.5
Extinction Ratio	dB	>18
PMD	ps	<0.1
Return Loss	dB	>40
PDL	dB	<0.2
PDFS	deg	<3
Optical Path Delay Between All Output Ports	ps	<1.0
Tuning Speed	sec	<1.0
Tuning Range	FSR	>1.5
Tuning Voltage	V	0-5
Package	mm	26×24×9

### Ordering Information

FSR	Wavelength	Fiber Dia.	Fiber Length	Connector
66.7:66.7GHz 43:43GHz customer specify	C:1527~1567 L:1567~1607	09:Φ0.9mm	1:1.0m customer specify	FC,SC,LC,MU/UPC,APC