

Telcordia
 GR-1221-CORE and
 GR-1209-CORE
 qualified



Features

- ✧ Low Crosstalk
- ✧ Low Insertion Loss

Applications

- ✧ Monitoring in
 PM Transmittor
- ✧ PM EDFA

Specification of PM -WDM Couplers

Parameter		Unit	
Window (Coupler Type)		nm	980/1550
Operating Wavelength Range	Pump path	nm	970-990
	Signal path	nm	1530-1570
Insertion Loss	Pump path	dB	0.3
	Signal path	dB	0.6
Wavelength Dependent Loss	Pump path	dB	0.1
	Signal path	dB	0.3
Port			1x2 or 2x2
Return Loss	Min.	dB	43(pump)/50(sig.)
Directivity	Min.	dB	55
Isolation	Signal path	dB	10
Crosstalk	Signal path	dB	-20
Temperature Dependent Loss	Pump path	dB	0.1
	Signal path	dB	0.3
Fiber Type			FJK PANDA fiber
Fiber lead length		m	1 (standard)
Dimension (Main Body)		m	2x2 : 3.2mm dia. X 70mm L (SUS tube) 1x2 : 3.2mm dia. X 75mm L (SUS tube)
Operating Temperature		degC	0 to 70
Storage Temperature		degC	-40 to 85