

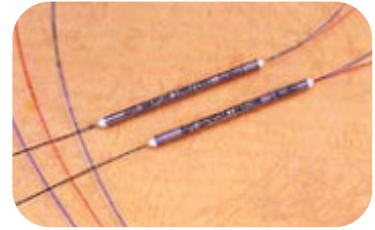
## RGB Fused PM WDM Coupler

### FEATURES

- Low Excess Loss
- Variety Coupling Ratio
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

### APPLICATIONS

- LAN WAN Systems
- Signal Monitoring
- Network Monitoring
- CATV
- Test Equipments



### SPECIFICATIONS

Parameter	Unit	Value	
Center Wavelength 1	nm	488, 532, 635, 650	
Center Wavelength 2		488, 532, 635, 650	
Bandwidth	nm	+/-5	
Insertion Loss	dB	≤1.5	
Isolation	dB	≥15	
Extinction Ratio	dB	≥16	
Optical Return Loss	dB	≥40	
Directivity	dB	≥50	
Fiber Type	-	PM460-HP Fiber	
Fiber Tensile Load	N	5	
Maximum Optical Power (CW)	mW	100	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube (SST)	mm	(Φ)3.0x60 for 250um Bare Fiber (Φ)3.0x76 for 900um Loose Tube
	Metal Box	mm	(L)120x(W)12x(H)10

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 0.9dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
  3. Devices for higher optical power or with other type fiber or consigned fiber are also available.

### ORDERING INFORMATION (PN)

FPCD-	NNN	-	N	-	C	NN	-	CC/CCC	
	Center Wavelength1		Center Wavelength2		Configuration	Fiber Sleeve		Fiber Length	Connector Type
	488-488nm		488-488nm		1-1x2 Type	B-Bare Fiber		05-0.5m	N-Without Connector
	532-532nm		532-532nm		2-2x2 Type	L-Loose Tube		10-1.0m	FC/APC=FC/APC Connector
	635-635nm		635-635nm			2-2mm Cable		15-1.5m	LC/PC=LC/PC Connector
	650-650nm		650-650nm			3-3mm Cable		20-2.0m	SC/UPC=SC/UPC Connector