

CPR

Fiber Optic 1x2 Coupler/Splitter

Compact Package, Fits in Most
Standard Splice Trays

Several Split Ratios Available

250µm or Optional 900µm Legs,
1 Meter Long

RoHS Compliant

Ideally Suited for
Telecommunications, Network
Monitoring and FTTx Applications



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The CPR is a singlemode 1x2 fused bionic tapered bidirectional coupler/splitter. It is ideally suited for telecommunications, network monitoring and FTTx applications.

KEY PRODUCT BENEFITS

- ▶ Metal sleeve around the spliced fibers for protection
- ▶ Optional 250µm or 900µm legs, one meter long
- ▶ Variety of split ratios available

INDUSTRY STANDARDS

- ▶ RoHS Compliant

SPECIFICATIONS

Parameters	Units	5/95	10/90	20/80	30/70	40/60	50/50
Operating Wavelength	nm	1310 and 1550 ±40nm					
Insertion Loss, Max	dB	15.0/0.45	11.3/0.65	7.85/1.25	6.0/2.0	4.7/2.7	3.6
Directivity, Min	dB	55					
PDL, Max	dB	0.20/0.10	0.15/0.10	0.15/0.15	0.15/0.15	0.15/0.15	0.15/0.15
Return Loss, Min	dB	55					
TDL at 5~70 C Max	dB	0.15					
Operating Temp.	°C	-40 to +85					
Fiber	µm	Singlemode G652D					
Dimensions	mm	3.0φ x 54 L					

ORDERING INFORMATION

Model Number Matrix

CPR	-X	1X2	-XX/XX
	Fiber	Splitter Type	Split Ratio
	5 - 250µm		05/95
	9 - 900µm		10/90
			20/80
			30/70
			40/60
			50/50