



**2 Year
Warranty**

4CMIN1000L 1 GHz INDOOR NODE

LOW CURRENT Low Heat

Starting at \$474.00

PowerMiser™



- Small 7.4 X 4.7 X 1.3
- Low Current Draw
- Higher Reliability due to Lower Heat
- High Output 52 dBmV
- 1310 FP or DFB or 1550 DFB Laser
- Standard Interstage Pads
- Plug in Diplexer for future split changes
- External 24 Volt Power Supply
- Breakthrough Low Current Technology
- Option for installed WDM
- Option for No Input signal power down

Specifications in Housing

Parameter	Test Conditions		Units	Notes	Forward	Reverse
Technology			-	-	GaAs	GaAs
Bandwidth			MHz	-	54-1003	5-40
Optical wavelength			nm	1	1290-1600	1310
Response Flatness			dB	-	+/-0.5	+/-0.5
Minimum Full Output	-4 dBm light input		dBmV		52 dB @ 1 GHz	N/A
Input Test Points			dB	-	N/A	-20 +/-1
Output Test Points			dB	4	-20 +/-1	N/A
Output Return Loss	Freq	5-40 MHz	dB		-	16
		54-1003 MHz			16	
Minimum Light Input	48 dB C/N		dBm		-4	
Minimum Light Output			mW		2	
DC Current Draw (max)	@24 Volts DC		mA	-	420	
Noise Figure			dB	-	N/A	4.5

Distortion Measurements @ rated loading

Reference Frequencies		MHz		55/550/870/1GHz	T7-T12
Output Levels		dBmV	-	35/44/49.5/52	36
Channel Loading		NTSC	3	79 + 450 MHz digital or	4 channels

