



2014-11

**Table 1. Mini-MBC-5 Specifications**

PARAMETERS	MIN	TYP	MAX	UNITS
<b>Optical Performance</b>				
Detector Input Power <sup>1</sup>	-25		-5	dBm
Optical wavelength	1000		1650	nm
<b>Electrical Performance</b>				
Bias voltage (single ended)	-12		12	V
Null Mode Extinction Ratio <sup>2</sup>		36	40	dB
Locking Slope	Positive or Negative			
Locking Mode	Null or Peak			
<b>Pilot tone</b>				
Modulation Depth (Null)		adjustable		%
Pilot tone amplitude (Vpp)	0	adjustable	250	mV
Pilot Tone Frequency	1	adjustable	100	KHz
<b>Power Supplies</b>				
Positive Power Voltage	14.5	15	15.5	V(DC)
Negative Power Voltage	-15.5	-15	-14.5	V(DC)
Positive Power Current		51		mA(DC)
Negative Power Current		17		mA(DC)
<b>General</b>				
Operating temperature	0		70	Degree C
Storage Temperature	-40		+85	Degree C
Dimension	1.83*1.85 inch			
Weight	0.2 lb			