





SPECIFICATIONS

GENERAL

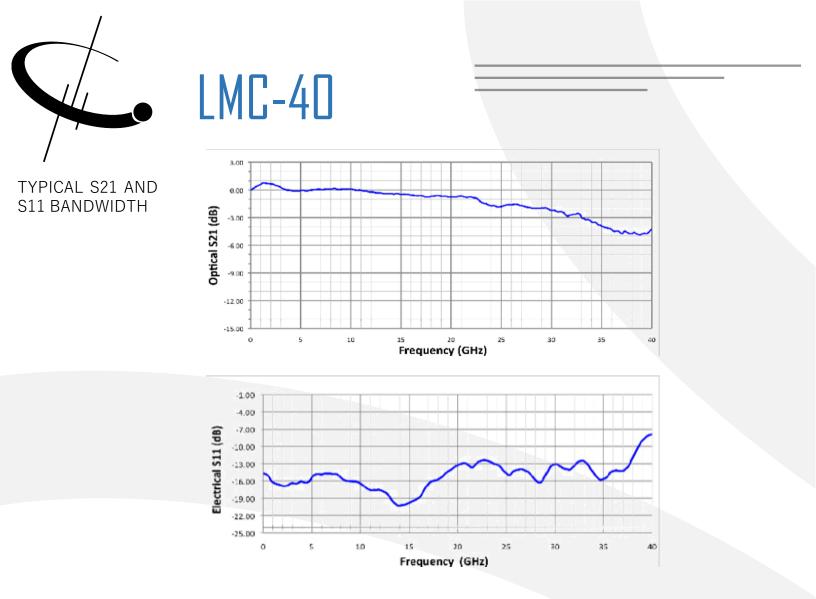
1520 nm to 1610 nm
User's external input
+20 dBm max.
>15 dB @ 10 GHz; >10 dB @ 30 GHz
DC to 40 GHz
27 dBm max.
6.5 dBm typ. w/ 20 mW DFB
3 dB, 28 GHz typ.
4 Automatic bias control modes, selectable by software
25 dB typ., >30 dB (HE version)
2.5 V typ. 🖻 10 GHz, 4.3 V typ. 🖲 30 GHz

MECHANICAL

Operating Temperature (standard)	-30 °C to +60 °C
Operating Temperature (TQ version)	-55 °C to +75 °C
Storage Temperature	-60 °C to +90 °C
Power Supply Requirements	± 5 V DC, 1 A max.
Optical Connector	FC/APC
Fiber Type	PANDA input, SMF-28 output; PANDA input/output (PM version)
RF Input Connector	2.92mm Female
Power Connector	4 Pin Molex
Remote Control	USB 2.0 software included
Alarm	LED bias mode status
Dimensions	241 mm x 152 mm x 41 mm

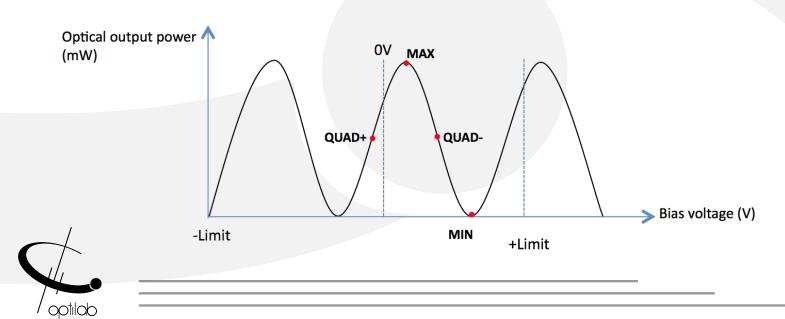
	Mode	Operation Conditions
MODE	Q+	Set to quadrature point of positive slope for linear analog modulation
	Q-	Set to quadrature point of negative slope for linear analog modulation
	Min.	Set to min. point of operation for pulse generation or digital modulation
	Max.	Set to max. point of operation for pulse generation or digital modulation

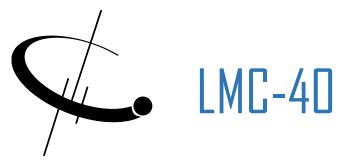




BIAS SETTING MODES FOR LMB

Based on sophisticated phase measurement of this small dither signal, LMC-40 provides four selectable operating modes: quadrature (Quad +), inverted quadrature (Quad -), minimum (Min), or maximum (Max) points.





ORDERING OPTIONS

LMC-40-XX-YY

- **XX** PM: Polarization Maintaining HE: High Extinction Ratio
- YY DC: DC +/- 5V Power Supply (Option 1) AC: AC 100/240 VAC (Option 2)

Option 1 : DC +/- 5V



Option 2:100/240 VAC



