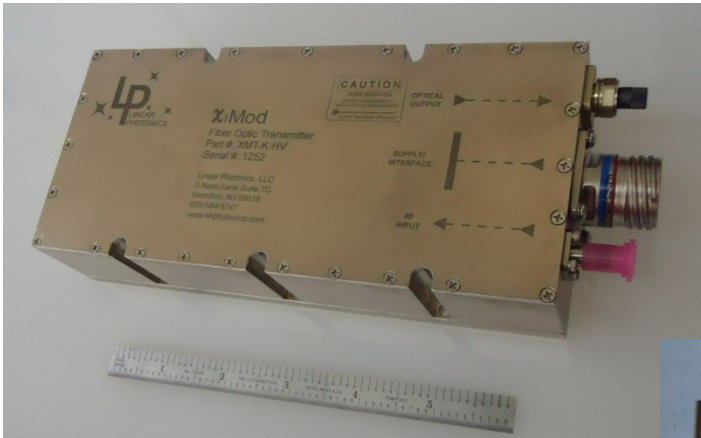


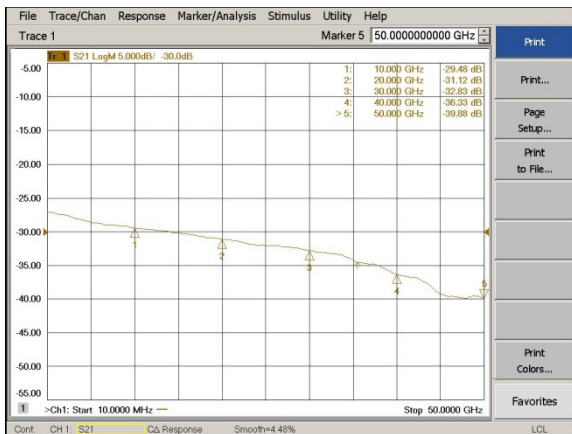


# QMOD

## 50 GHz fiber optic links



Linear Photonics QMOD is a high performance Fiber Optic Link with bandwidth to 50 GHz for antenna remoting, sensor systems, EW applications, and millimeterwave distribution.



### TYPICAL PERFORMANCE 1 KM LINK, 25°C

	Standalone Link		Pre and Post Amplified Link	
<b>Operating Frequency</b>	10 MHz to 50 GHz		1 to 50 GHz	
<b>RF Link Gain</b>	1 GHz	-27 dB	1 GHz	-2 dB
	25 GHz	-32 dB	25 GHz	-7 dB
	50 GHz	-40 dB	50 GHz	-21 dB
<b>Input 1 dB Compression</b>	1 GHz	15 dBm	1 GHz	0 dBm
	25 GHz	15 dBm	25 GHz	
	50 GHz	20 dBm	50 GHz	
<b>Noise Figure</b>	1 GHz	35 dB	1 GHz	25 dB
	25 GHz	40 dB	25 GHz	30 dB
	50 GHz	50 dB	50 GHz	40 dB
<b>RF Connector</b>	2.4 mm or 1.85 mm			
<b>Optical Connector</b>	AVIM or FC/APC			
<b>Operating Temperature</b>	-20 to +60 C			

**LINEAR PHOTONICS, LLC**

*Bringing Performance to Light!*

3 nami lane, suite 7c | hamilton, nj 08619 | www.linphotonics.com | tel: 609-584-5747 | fax: 609-631-0177 | email: linfo@linphotonics.com