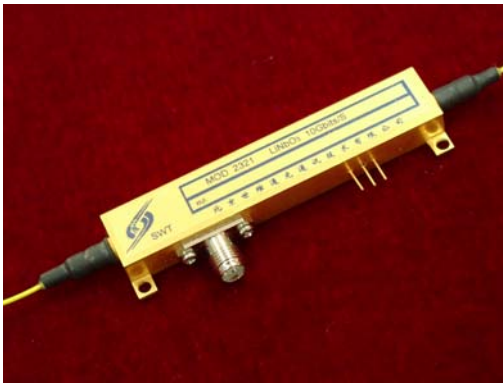


10Gb/s LiNbO₃ Optical Intensity Modulator



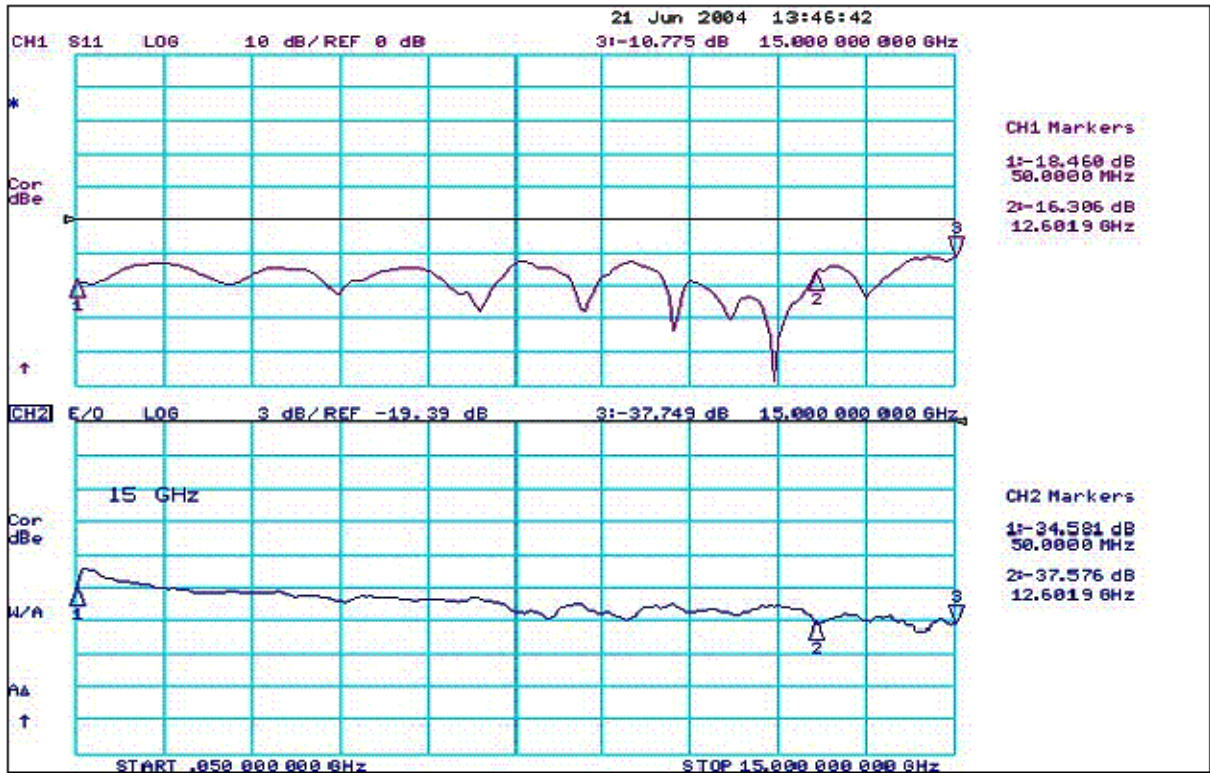
➤ Key Capability

- Low insertion loss provides long transmission span
- Separate bias electrode for long-term stability and reliability
- High modulator on/off extinction ratio
- Low drive voltage compatible with commercial drivers
- Low price
- Meet Telcordia GR-468-CORE Requirement

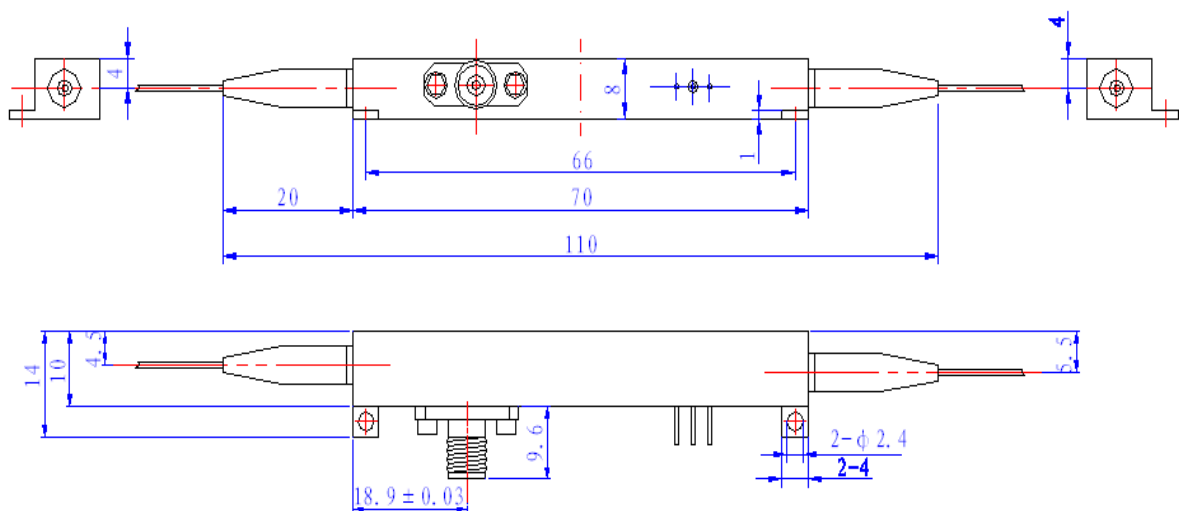
➤ Applications

- 10Gb/s high speed transmit equipment
- TDM and WDM 10Gb/s transmit system

➤ Typical Frequency Response & Return Loss Curve (S21 & S11)



➤ Dimensions Diagram(Unit: mm)



➤ **Specifications(23°C)**

	Parameter	Unit	Values
Optical	Operating Wavelength	nm	1525-1605
	Insertion Loss	dB	≤5
	Extinction Ratio(DC)	dB	≥20
	Optical Return Loss	dB	≤-45
Electrical	Electro-Optical Bandwidth (-3dBe)	GHz	≥8
	S11 Return Loss	dB	≤-10
	RF V _π @DC	V	≤5
	Bias V _π	V	≤10
Physics	Operating Temperature	°C	0-70
	Storage Temperature	°C	-40-85
	RF Connector		K
	Bias Connector		3 PIN

We can provide different pigtail and package by customer requirement.

For more information on this or other products and their availability, please contact us.

Sales Contact: Sales@swt-oc.com Technical Contact: Supports@swt-oc.com

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