SELEX Sistemi Integrati

LiNbO$_3$ Photonic Foundry

Microwave optical data link

Features

- DFB laser source
- Low noise and high dynamic range (up to 60 dBc/Hz2/3)

Specifications

Operating wavelength	850nm, 1310nm and C+L band optical window
Reach	Very short up to long haul
RF Gain	>-50dB
Input 1 dB compression point	<+17dBm
Bandwidth	Customised up to 30 Ghz
Flatness in frequency	+/-0.5dB
Return Losses	<-10dB
Operating temp	Up to -40/ +70°C

Applications

- Analogue multi channel systems
- Antenna remoting
- Switched optical delay lines
- Transponder for target simulation
- Optical Beam Forming Network for phased array antennas

LiNbO3 Photonic Foundry are distributed by:

Crisel Instruments,srl

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