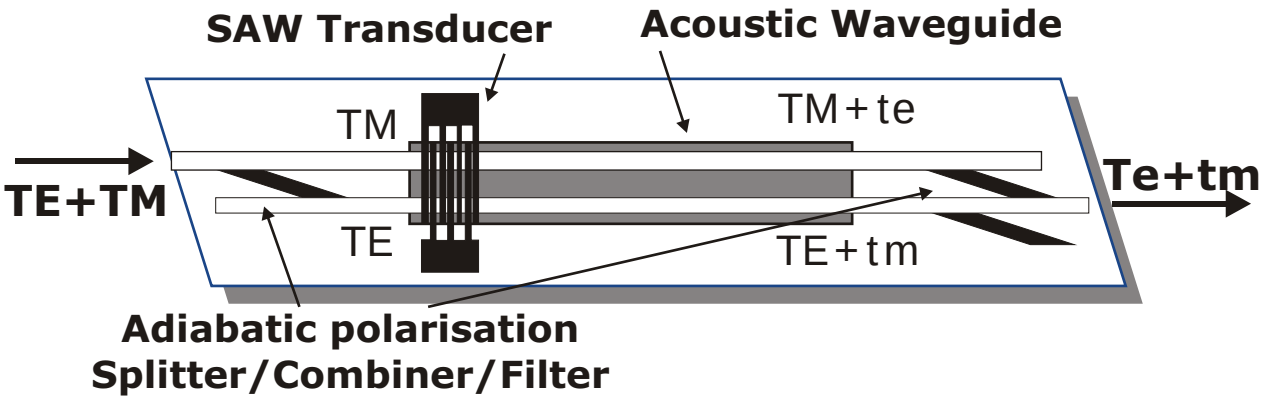
SELEX Sistemi Integrati

$LiNbO_3$ Photonic Foundry

Acousto Optical Tunable Filter



LiNbO3 Photonic Foundry are distributed by:

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Specifications

Large Tunability	1520-1590nm
Filter BW	<1.3nm
Peak to SideLobe Ratio	>8dB
RF interaction freq	175Mhz
Optical Insertion Loss	10dB
Tunability speed	<10 usec
Polarisation Independent Device	

All specs are in TE propagation mode

Applications

- Spectrum Analyser for Fiber Optic Stress / Temp Sensors in Smart structures / security systems
- WDM based Optical Beam Forming Network architectures

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