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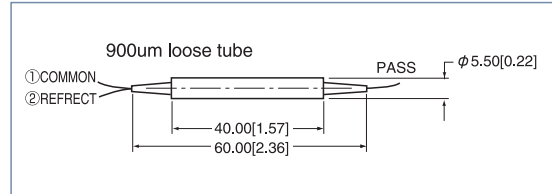
FTTX1310/1490/1550nm Filter WDM Micro Optics Device

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Discription

FTTX 1310/1490/1550 WDM is based on patented a thermal platform for optical device. This is multiplexer features ultra low insertion loss, super thermal stability, and unparallel reliability. The technology is a lead-free packaging platform and no epoxy in the optical path. We can provide customized designs to meet specialized feature application.



Features

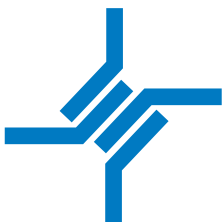
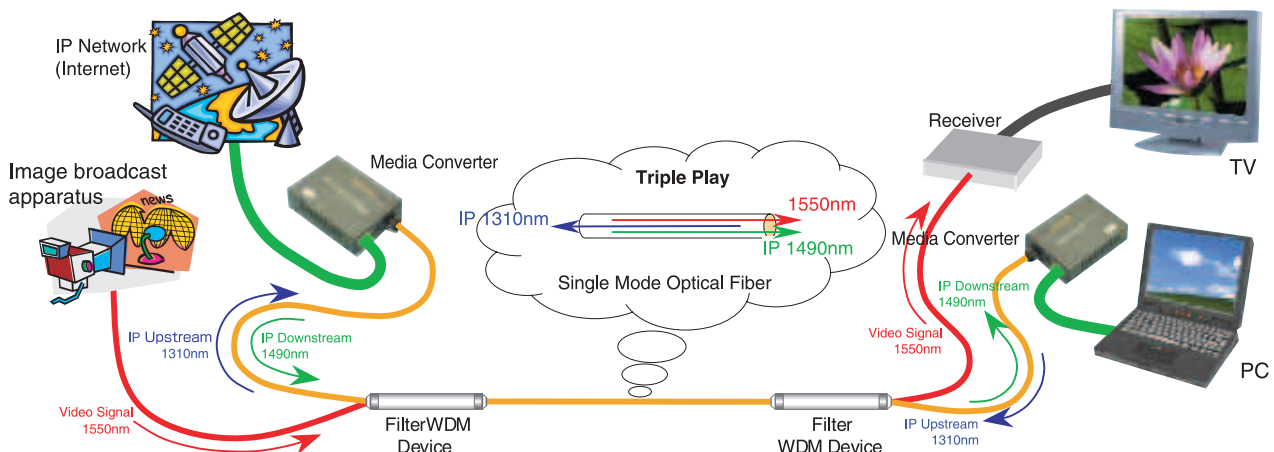
- Ultra-low Insertion Loss
- Narrow Down Distribution
- Super Thermal Stability
- High Reliability
- High Channel Isolation
- Epoxy-Free Optical Path

Applications

- WDM System for Metro/ Access Market
- FTTX Applications

Parameter	Specifications	Units
Working Wavelength	1260~1360, 1480~1500, 1550 ~ 1560	nm
Pass Port Wavelength Range $\lambda 1$	1550 ~ 1560	nm
Reflect Port Wavelength Range $\lambda 2$	1300 ~ 1320 + 1480 ~ 1500	nm
Pass Port	Insertion Loss	≤ 1.2 (Typical 1.0)
	Ripple	≤ 0.3
	Isolation @ $\lambda 2$	≤ 30
Reflect Port	Insertion Loss	≤ 0.8 (Typical 0.6)
	Isolation @ $\lambda 1$	$\geq 15, \geq 20, \geq 30$
Return Loss	≥ 45	dB
Directivity	≥ 50	dB
Polarization Dependent Loss	≤ 0.1	dB
Power Handling	300	mW
Operating Temperature	-5 ~ 70	$^{\circ}\text{C}$
Storage Temperature	-40 ~ 85	$^{\circ}\text{C}$

Application



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