

Multiplexor (WDM)

This device is designed to combine or separate optical signals with different wavelengths.

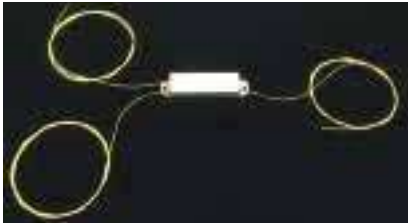
KEY FEATURES:

- Vibration resistance
- Thermal resistance

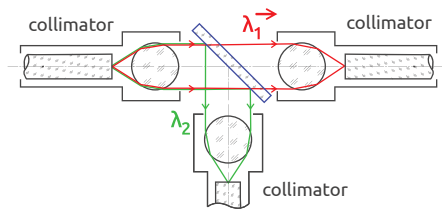
APPLICATION:

- Fiber sensors
- Telecommunication systems with increased climate requirements

DIMENSIONS



The photo shows a sample of fiber-optic multiplexor



Multiplexor operation scheme

SPECIFICATION:

Operating wavelength, nm	980/1550	980/1064	1300/1550
Insertion loss, dB	1.0	61.5	1.0
Isolation, dB		30	
Return loss, dB		50	
Polarization sensitivity, dB		0.1	
Fiber type, μm	6/125 10/125	6/125	10/125
Operating temperature, $^{\circ}\text{C}$		-60...+60	
Dimensions, mm		20x80x10	