Mini 1310 Series Multifunction Integrated Optical Waveguide Modulator

Modulators

The compact integrated waveguide modulator provides splitting and modulation in the 1310 nm band. Optical loss and splitting ratio are specified for the device interface.



Technical specifications

Center wavelength (nm)	1290 to 1330
Insertion loss (dB)	≤4.0
Insertion loss variation over the full temperature range (dB)	≤0.5
Splitting ratio	48/52 to 52/48
Splitting ratio variation over the full temperature range (%)	±3.0
Back reflection (dB)	≤-55
Residual amplitude modulation	≤2/1000
Pigtail polarization crosstalk (dB)	≤-30.0 (Full temperature range ≤-25.0)