

Z-Light Coupler

Product Specifications



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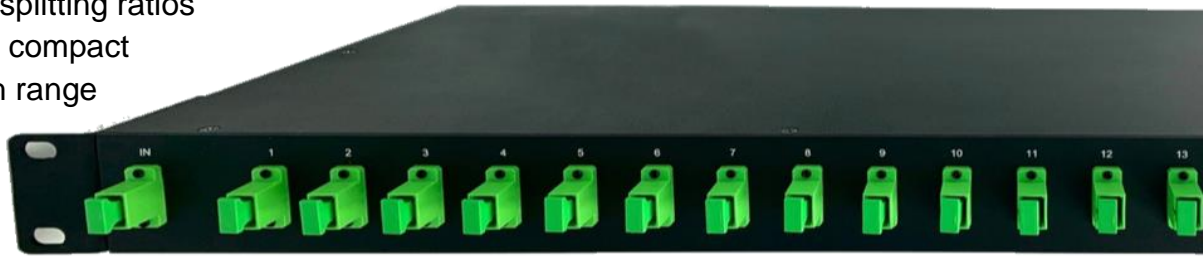


Product Description

The Z-Light Coupler is an optical power management device fabricated using optical waveguide technology. This highly reliable, rack-mountable unit is available in multiple configurations, offers a wide operating wavelength, and is Telcordia GR-1221-Core compliant.

Key Features

- ✓ Low insertion and excess loss
- ✓ Even or Various splitting ratios
- ✓ Bidirectional and compact
- ✓ Wide wavelength range
- ✓ High uniformity
- ✓ Corning Fiber



ZBT00700xx	07	08	10	11	12
Configuration	1x2	1x4	1x8	1x12	1x16
Operating Wavelength (nm)	1260-1360, 1480-1610				
Insertion Loss Typical/Max	<4.0/4.2	<7.2/7.5	<10.5/11	<12.5/13	<13.5/14
Loss Uniformity (dB)	<0.4	<0.6	<0.8	<1.0	<1.2
Return Loss (dB)	>50				
Polarization Dependent Loss (dB)	<0.3				
Directivity (dB)	>55				
Wavelength Dependent Loss (dB)	0.3	0.3	0.3	0.5	0.5
Operation/Storage Temperature (°F)	-40° to 185° (-40°C to 85°C)				