

# 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



ZBT0070xxx	007	008	010	012	244
Configuration	1x2	1x4	1x8	1x16	1x32
Operating Wavelength (nm)	1260 ~ 1650				
Insertion Loss Typical / Max	4.0 / 4.2	7.2 / 7.4	10.3 / 10.5	13.8 / 14.0	16.8 / 17.0
Loss Uniformity (dB) Max	0.8	0.8	0.8	1.0	1.2
Return Loss (dB) Min	≥50				
Polarization Dependent Loss (dB) Max	0.1	0.1	0.1	0.2	0.2
Directivity (dB) Min	≥55				
Optical Fiber Type	SMF-28, or as required				
Operating / Storage Temperature	Operating: -4° to 167°F (-20° to 75°C) Storage: -40° to 185°F (-40 to 85°C)				