

Wavelength Blocker & Equalizer WBE-300

Santec's wavelength blocker is designed for reconfigurable OADM solutions in next generation optical communication networks. The units can attenuate or block any number of wavelengths at 100GHz or 50GHz spaced DWDM nodes. The internal optical block has no moving parts, which achieves high operation stability and long term reliability.



Features

- ▶ Per Channel attenuation or blocking
- ▶ Wide passband with flat-topped channel profile
- ▶ C-band or L-band at 100GHz or 50GHz spacing
- ▶ High extinction ratio
- ▶ No moving parts

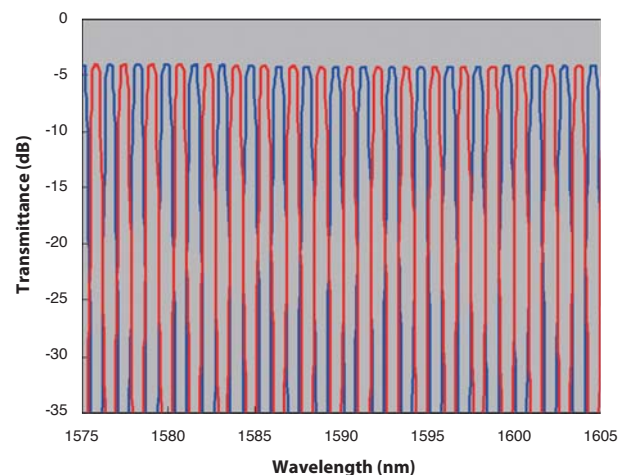
Applications

- ▶ Reconfigurable OADM
- ▶ Network management (protection and restoration)
- ▶ Dynamic channel power equalization

Specifications

Parameters	Specifications	
Insertion loss	Max	6 dB
Inter-channel uniformity	Max	1 dB
Polarization dependent loss	Max	0.5 dB
Attenuation range		0 to 15 dB
Extinction ratio	Min	40 dB
3dB passband	Min	70 GHz
Ripple	Max	0.25 dB
Optical return loss	Min	40 dB
Chromatic dispersion	Max	±10 ps/nm
Polarization mode dispersion	Max	0.3 ps

Spectrum Example (100GHz spacing)



www.santec.com E-Mail : sales@santec.com

2007 © SANTEC CORPORATION Santec reserves the right to make changes in equipment design, components or specifications without notice.



SANTEC CORPORATION

5823 Ohkusa-Nenjozaka, Komaki, Aichi 485-0802, Japan Tel. +81-568-79-1959 Fax +81-568-79-1718

SANTEC U.S.A. CORPORATION

433 Hackensack Ave., Hackensack, NJ 07601, U.S.A. Toll Free +1-800-726-8321 (santec-1) Tel. +1-201-488-5505 Fax +1-201-488-7702

SANTEC EUROPE LIMITED

Magdalen Centre, Robert Robinson Ave., The Oxford Science Park, Oxford OX4 4GA, U.K. Tel. +44-1865-784960 Fax +44-1865-784961

SANTEC (SHANGHAI) Co., Ltd.

No.800 Zhangyang Road Changhang Tower, Pudong District, Shanghai 200122 China Tel: +86-21-58361261, +86-21-58361262 Fax: +86-21-58361263