

# W-NB



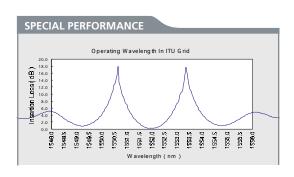
### **Features**

- Environmentally stable
- Easy installation
- Custom defined specifications
- Low return loss
- Low insertion loss tolerance
- ITU standard
- High isolation

### **Applications**

- Telecommunications
- · Local area network
- DWDM systems
- Fiber optic sensor
- Testing instruments

PERFORMANCE SPECIFICATIONS	
ITEM	Narrow Band WDM Coupler
Operating Wavelength, nm	ITU Standard (customer specify)
Channel Spacing, nm	$\Delta\lambda$ = 3.2 (customer specify)
Insertion Loss, dB	≤ 0.5
Isolation, dB	≥ 15
Bandpass, nm	20% of channel spacing
Optical Input Return Loss, dB	≥ 60
Polarization Dependence Loss, dB	≤ 0.2
Thermal Stability, dB (0 to 65°C)	≤ 0.5
Thermal Stability Drift, pm / °C	≤ 3
Operating Temperature, °C	0 to 65
	(Ø x L)
	$\emptyset$ = 3.0 for bare fiber pigtail
Packaging Size, mm	$\varnothing$ = 3.8 for 900 $\mu$ m pigtail
	$L = 80 \text{ for } \Delta \lambda > 10 \text{nm}$
	$L = 105$ for $\Delta \lambda < 10$ nm



# W - NB - X - X - XX - XX / XX - XX - XX / XX **ORDERING INFORMATION** Wavelength -A ...... Corning SMF-28™ X ..... Others, please specify Package Option (for both ends) C Coated fiber (250μm) L Loose tube cable (900μm) X Others, please specify Port Number — 12 ..... 1 x 2 22 ..... 2 x 2 Wavelength \_ Refer to ITU standard; Pigtail Length -1 meter 20 2 meter XX Others, please specify 0.5 meter 1.5 meter Connector Type (for both ends) FC FC SC type SC SC type ST ST type XX Others, please specify FC/APC type SC/APC type AP..... None



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