

WIDEBAND FILTER WDM MODULE
(1530~1610nm/1410~1490nm)

Specification Review Data Sheet

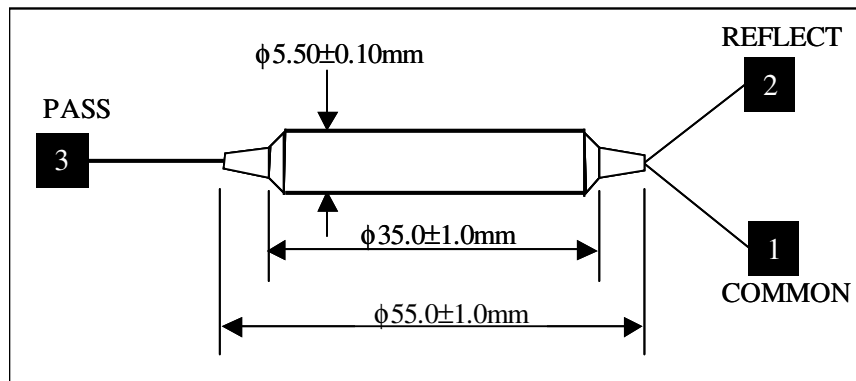
Spec. Review No.	SR0681		
Revision	01	Review Date	12/16/04
Customer			
Description	FWDM, 1530~1610/1410~1490		
Customer P/N			
Offer P/N	FWDM-5548-N-B-1		
Reference Document			

1.0 Environmental Specifications

Parameter	Specification	Units	Offer Spec
Operating Temperature Range	----	°C	-5 to 70
Storage Temperature Range	----	°C	-40 to 85
Fiber Pull Force	----	N	5

2.0 Mechanical Module Specifications

Parameter	Specification	Units	Offer Spec
Package Dimensions	----	mm	φ5.5 x 55(Length)
Fiber Type	----	---	SMF-28
Fiber Length	----	m	>1.0
Optical Connector Type	----	---	None



Packaging Dimension

Contact Information:

PHOTONIK (SINGAPORE) PTE LTD

German Center, #04-102
25 International Business Park
Singapore 609916
Tel:(65) 6562-7838, 6562-7976 Fax:(65) 6562-7839
sales@photonik.com.sg www.photonik.com.sg

Local Representative:

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3.0 Optical Specifications¹

Parameter	Specification	Units	Offer Spec
Pass Band Wavelength	1530~1610	nm	1530~1610
Reflection Band Wavelength	1410~1490	nm	1410~1490
IL over Pass Band	0.5	dB	≤ 0.5
IL Ripple over Pass Band	0.2	dB	≤ 0.2
Pass Band Isolation	---	dB	≥ 25
IL over Reflection Band	0.5	dB	≤ 0.5
Reflection Band Isolation	---	dB	≥ 13
PDL	≤ 0.1	dB	≤ 0.1
Directivity	---	dB	≥ 50
Optical Return Loss	≥ 50	dB	≥ 50
Power Handling (Max)	1500	mW	1500

¹ Optical specifications are given over all states of polarization and over environmental requirements of section 1.0

Users may specify the expected specifications for our final specs evaluation and quotation confirmation; Customized modules are available upon request!

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