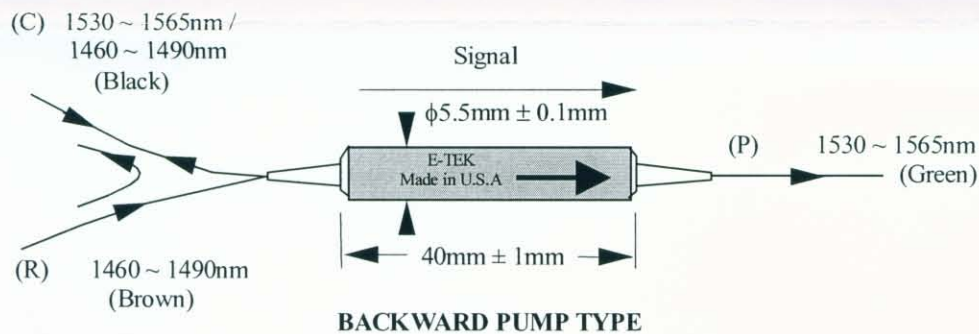


INSPECTION REPORT

Date: 11/22/00

- Item: IWDMA410CRV06
- E-TEK Spec Version: 2.0
- Serial No.: 64431185 ✓
- Fiber: Corning SMF-28 , 250 μ m bare fiber
- Fiber Length(each end): >1m
- Schematic:



7. Performance (@ 23.0 °C): (Center Wavelength: 1550nm)

Insertion Loss (dB)		Flatness (dB)		Isolation (dB)		
1530 ~1565 nm (C) \Rightarrow (P)	1460 ~1490 nm (C) \Leftrightarrow (R)	1530 ~1565 nm (C) \Rightarrow (P)	1460 ~1490 nm (C) \Leftrightarrow (R)	1530 ~ 1565 nm (P) \Rightarrow (C)		
				0°C	23°C	70°C
<0.45	<0.15	<0.25	<0.15	>50	>50	>64

Isolation (dB)	PDL (dB)		Directivity (dB)		Return Loss (dB)
1530 ~1565 nm (C) \Leftrightarrow (R)	1530 ~1565 nm (C) \Rightarrow (P)	1460 ~1490 nm (C) \Leftrightarrow (R)	1530 ~1565 nm (P) \Rightarrow (R)	1460 ~1490 nm (R) \Rightarrow (P)	
>17	<0.2	<0.05	>55	>60	>50

8. Connectors: None

9. Spectrum Curve attached (1 Page)

E-TEK Dynamics, Inc.

1885 Lundy Avenue, San Jose, CA 95131, U.S.A.
Tel. (408) 432-6300 Fax (408) 432-8550

Test by: 2130
Check by: _____





WDM Spectrum Performance Test Report

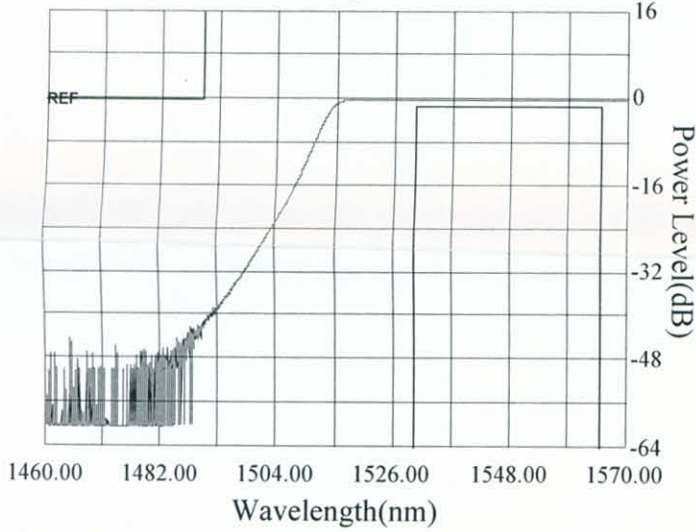
Report Date: 11/21/2000

Model #: IWDMA410CRV06
 Template: IWDMA410CRV06-CP 2.0
 Travel Card #: w2159571 ✓
 Serial #: 64431185

Test No: 1
 Temperature: 23.0
 Fail: /
 Warning: —

Operator: 2130
 Station: WDMTEST115
 Test Date: 11/21/2000
 Test Time: 19:53

LPFH1500QW



Bandpass Performance Test

Center Wavelength & Bandwidth (down from PP -0.33dB)

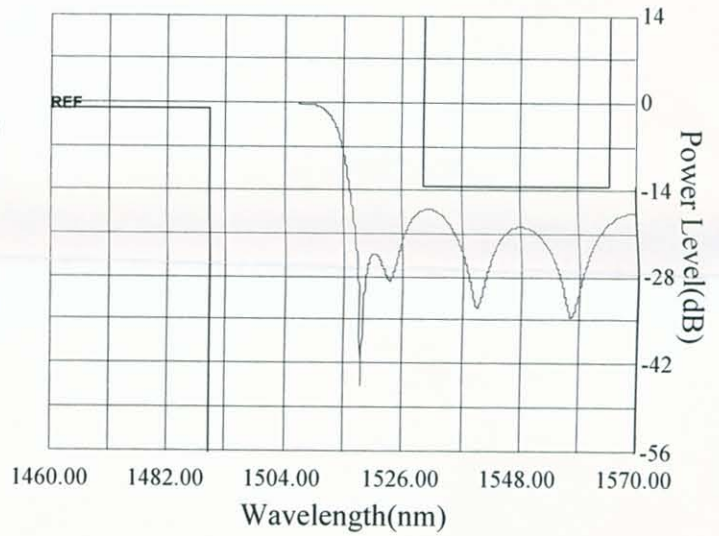
dB Down	WLeft(nm)	WLRgt(nm)	BW(nm)	CW(nm)	Ripple(dB)

Passband Loss & Ripple (IL @ NominalWL 1550.00nm = -0.42dB)

ILLeft(dB)	ILRgt(dB)	ILMax(dB)	ILMin(dB)	Rpl(dB)	WLeft(nm)	WLRt(nm)
-0.44	-0.45	-0.45	-0.33	0.12	1530.00	1565.00

Adjacent Channel Isolation

IsoLeft(dB)	IsoRight(dB)	IsoMin(dB)	MinWL(nm)	WLeft(nm)	WLRgt(nm)



Notch Performance Test

Center Wavelength & Bandwidth (down from Peak -0.10dB)

dB Down	WLeft(nm)	WLRgt(nm)	BW(nm)	CW(nm)	Ripple(dB)

Drop Channel Isolation

IsoLeft(dB)	IsoRight(dB)	IsoMin(dB)	MinWL(nm)	WLeft(nm)	WLRgt(nm)
-17	-19	-17	1530.70	1530.00	1565.00

Adjacent Channel Insertion Loss & Ripple

ILLeft(dB)	ILRt(dB)	ILMax(dB)	ILMin(dB)	Rpl(dB)	WLeft(nm)	WLRt(nm)
-0.15	-0.12	-0.15	-0.11	0.04	1460.00	1490.00

