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Find the *VIAVI Solutions / JDSU FWMWLA1D01N02* at our website: *Click HERE*

TEST REPORT

Device Model Number: FWMWLA1D01N02
Manufacturer ID: JDSU
Device Serial Number: CBD031700001
Date of Manufacturing: May 13, 2003

JDS Uniphase

Tested at Room Temperature

Insertion Loss	Specified Minimum	Specified Maximum	Measured Value
Input to Output F1 @ f1 ± 200 GHz		4.20	1.77
Input to Output F2 @ f2 ± 200 GHz		3.90	1.42
Input to Output F3 @ f3 ± 200 GHz		3.60	1.38
Input to Output F4 @ f4 ± 200 GHz		3.30	1.39
Input to Output F5 @ f5 ± 200 GHz		3.00	1.32
Input to Output F6 @ f6 ± 200 GHz		2.70	0.99
Input to Output F7 @ f7 ± 200 GHz		2.40	0.95
Input to Output F8 @ f8 ± 200 GHz		2.00	0.84
Input to Output F9 @ f9 ± 200 GHz		1.60	0.61
Input to Output F10 @ f10 ± 200 GHz		1.20	0.70
Input to 1% Tap @ λ2		21.00	20.69
Flatness - Input to 1% Tap @ λ2		0.20	0.18

Parameter	Specified Minimum	Specified Maximum	Units	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10
Flatness - Input to Output FX @ fX ± 40GHz		0.2	dB	0.05	0.06	0.05	0.04	0.06	0.03	0.03	0.03	0.02	0.05
Flatness - Input to Output FX @ fX ± 189GHz		0.35	dB	0.14	0.12	0.12	0.12	0.15	0.09	0.13	0.09	0.08	0.2
0.5 dB Bandwidth	400.00		GHz	439.1	444.5	442.8	449.6	442.4	441.4	442.2	448.7	451	456
3 dB Centre Frequency			GHz	186.3	186.8	187.3	187.8	188.3	188.8	189.3	189.8	190.3	190.8
Isolation (Adjacent Band)	25.00		dB	59.6	37.7	35.9	35.5	35.1	35.9	36.4	35.7	35.4	33
Isolation (Non-Adjacent Band)	40.00		dB	59.6	64.2	61.7	62.4	66.6	63.2	63.1	65.2	64.5	64
Isolation (Input to Output FX) @ λ1	16.00		dB	47.12	38.61	37.27	37.43	37.25	37.2	37.96	37.96	36.68	34.97
Isolation (1310_{FX} to FX)	15.00		dB	15.3	16.19	16.33	16.85	16.83	16.93	16.06	16.27	17.24	15.01
Insertion Loss (1310_{FX} to FX) @ λ1		0.4	dB	0.31	0.18	0.39	0.3	0.24	0.17	0.21	0.16	0.36	0.34
PDL - Input to Output FX @ fX ± 200 GHz		0.25	dB	0.09	0.09	0.06	0.08	0.07	0.08	0.07	0.08	0.06	0.1

Result: PASS

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