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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: CBD031700002
Date of Manufacturing: April 30, 2003

JDS Uniphase

Tested at Room Temperature

Insertion Loss	Specified Minimum	Specified Maximum	Measured Value
Input to Output F1 @ f1 ± 200 GHz		4.20	1.80
Input to Output F2 @ f2 ± 200 GHz		3.90	1.52
Input to Output F3 @ f3 ± 200 GHz		3.60	1.70
Input to Output F4 @ f4 ± 200 GHz		3.30	1.22
Input to Output F5 @ f5 ± 200 GHz		3.00	1.26
Input to Output F6 @ f6 ± 200 GHz		2.70	0.99
Input to Output F7 @ f7 ± 200 GHz		2.40	1.36
Input to Output F8 @ f8 ± 200 GHz		2.00	1.07
Input to Output F9 @ f9 ± 200 GHz		1.60	0.85
Input to Output F10 @ f10 ± 200 GHz		1.20	0.59
Input to 1% Tap @ λ2		21.00	15.89
Flatness - Input to 1% Tap @ λ2		0.20	0.12

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	0.08	0.04	0.06	0.05	0.03	0.05	0.04	0.03	0.02	0.03
Flatness - Input to Output FX @ fX ± 189GHz		0.35	dB	0.2	0.1	0.12	0.11	0.08	0.09	0.2	0.15	0.13	0.08
0.5 dB Bandwidth	400.00		GHz	437.6	444.2	443.1	456.7	446.9	455.9	427.7	441	441.8	455.9
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	95.5	37.1	37	36.5	38.6	35.6	36.4	34.7	36.1	34.2
Isolation (Non-Adjacent Band)	40.00		dB	95.5	95.7	95.6	96.1	96.1	96.4	95.9	96.2	96.4	96.6
Isolation (Input to Output FX) @ λ1	16.00		dB	61.59	55.89	55.48	57.31	54.4	50.84	52.06	49.19	45.13	45.92
Isolation (1310_{FX} to FX)	15.00		dB	15.39	17.28	16.99	17.03	17.36	16.03	16.6	17.21	16.93	16.11
Insertion Loss (1310_{FX} to FX) @ λ1		0.4	dB	0.11	0.27	0.38	0.34	0.16	0.15	0.16	0.35	0.17	0.14
PDL - Input to Output FX @ fX ± 200 GHz		0.25	dB	0.11	0.07	0.12	0.07	0.11	0.11	0.12	0.09	0.1	0.11

Result: PASS

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