



Linear Node Equalizers – 870 MHz

For Aurora[®] NC4000 Optical Nodes

PARAMETER	SPECIFICATION	Unit
Passband	50-870	MHz
Flatness	+/- 0.3	dB
Insertion Loss (Max)	1	dB
Return Loss (Min)	-17	dB

870 MHz Slope Chart – Frequency vs. Insertion Loss

Typical Loss (dB) at Various Frequencies										
OEM P.N.	BBI P.N.	Values	Tilt	50 MHz	70 MHz	85 MHz	105 MHz	550 MHz	750 MHz	870 MHz
EQ4100	190000	0	0	0	0	0	0	0	0	0
EQ4102	190802	2	1.5	2.0	2.0	1.9	1.9	1.1	0.7	0.5
EQ4103	190803	3	2.9	3.4	3.3	3.3	3.2	1.6	0.9	0.5
EQ4104	190804	4	3.6	4.6	4.5	4.4	4.4	2.4	1.5	1
EQ4105	190805	5	4.6	5.6	5.5	5.4	5.3	2.8	1.7	1
EQ4106	190806	6	5.7	6.7	6.6	6.5	6.3	3.2	1.8	1
EQ4107	190807	7	6.8	7.8	7.6	7.5	7.3	3.7	2.0	1
EQ4108	190808	8	8	9.0	8.8	8.7	8.5	4.1	2.2	1
EQ4109	190809	9	9.1	10.1	9.9	9.7	9.5	4.5	2.3	1
EQ4110	190810	10	10.3	11.3	11.1	10.9	10.6	5.0	2.5	1
EQ4111	190811	11	11.5	12.5	12.2	12.0	11.7	5.5	2.7	1
EQ4112	190812	12	12.4	13.4	13.1	12.9	12.6	5.8	2.8	1