



# Linear Equalizer, 1.2 GHz GEQL Series 1"

For ARRIS<sup>®</sup> NC2000 and NC4000 Optical Nodes

PARAMETER	SPECIFICATION	Unit
Passband	50-1220	MHz
Flatness	+/- 0.4	dB
Insertion Loss (Max)	1	dB
Return Loss	>18 dB	dB

## 1.2 GHz GEQL Linear Equalizer – Height 1" – Symmetrical Pin Spacing – Pink Plastic

1" Linear Equalizers In Pink Plastic				Typical Insertion Loss (dB) at Various Frequencies (MHz)												
OEM Model Number	BBI Part Number	Value	Tilt	52	70	85	105	204	258	550	650	750	870	1002	1100	1220
N/A	616101P	1.0	1.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.6	1.2	0.9	0.9
EQ2102E	616102P	2.0	2.1	3.0	2.9	2.9	2.9	2.8	2.7	2.2	2.1	1.7	1.5	1.3	1.2	0.9
EQ2103E	616103P	3.0	3.1	4.0	4.0	3.9	3.9	3.7	3.5	2.8	2.7	2.4	2.1	1.6	1.2	0.9
EQ2104E	616104P	4.0	4.0	4.9	4.8	4.8	4.8	4.5	4.3	3.3	3.2	2.7	2.2	1.6	1.3	0.9
EQ2105E	616105P	5.0	5.1	6.0	6.0	5.9	5.9	5.5	5.2	3.9	3.6	3.0	2.6	1.9	1.4	0.9
EQ2106E	616106P	6.0	6.1	7.0	6.9	6.8	6.6	6.2	5.9	4.6	4.3	3.4	2.7	1.8	1.2	0.9
EQ2107E	616107P	7.0	7.0	7.9	7.7	7.6	7.5	7.0	6.8	5.1	4.8	3.7	2.8	1.9	1.3	0.9
EQ2108E	616108P	8.0	8.0	8.8	8.4	8.3	8.1	7.5	7.3	5.4	5.0	3.8	2.8	1.7	1.1	0.8
EQ2109E	616109P	9.0	8.9	9.4	9.2	9.0	8.8	8.0	7.6	5.5	5.1	3.7	2.7	1.6	1.0	0.5
EQ2110E	616110P	10.0	9.9	10.5	10.3	10.2	10.0	9.2	8.9	6.5	6.0	4.6	3.5	2.2	1.4	0.6
EQ2111E	616111P	11.0	11.0	11.7	11.3	11.2	11.0	10.1	9.7	7.0	6.5	5.1	4.0	2.8	2.0	0.7
EQ2112E	616112P	12.0	12.0	12.7	12.5	12.3	12.0	10.9	10.4	7.3	6.7	5.2	4.0	2.6	1.6	0.7