



# Forward Equalizer, 870 MHz, SFE, E-Series

For ARRIS®/Motorola® System Amplifiers

PARAMETER	SPECIFICATION	Unit
Passband	50-870	MHz
Flatness	+/- 0.3	dB
Insertion Loss (Max)	1	dB
Return Loss	-18 dB	dB

SFE Value	Tilt/Slope	Frequency (MHz) vs Insertion Loss (dB)								
		52 MHz	70 MHz	85 MHz	102 MHz	258 MHz	550 MHz	650 MHz	750 MHz	870 MHz
1	0.79	1.79	1.74	1.72	1.70	1.49	1.24	1.51	1.08	1.00
2	1.57	2.57	2.49	2.44	2.38	2.00	1.46	1.31	1.17	1.00
3	2.36	3.36	3.24	3.16	3.08	2.47	1.70	1.46	1.25	1.00
4	3.14	4.14	4.00	3.89	3.77	2.96	1.92	1.61	1.33	1.00
5	3.91	4.91	4.73	4.60	4.46	3.46	2.15	1.76	1.41	1.00
6	4.70	5.70	5.50	5.32	5.15	3.95	2.38	1.92	1.50	1.00
7	5.48	6.48	6.23	6.04	5.84	4.45	2.61	2.07	1.58	1.00
8	6.27	7.27	6.97	6.76	6.53	4.93	2.84	2.22	1.66	1.00
9	7.04	8.04	7.72	7.47	7.22	5.43	3.05	2.38	1.72	1.00
10	7.82	8.82	8.46	8.19	7.90	5.92	3.27	2.53	1.80	1.00
11	8.60	9.60	9.21	8.91	8.60	6.40	3.51	2.68	1.89	1.00
12	9.39	10.39	9.95	9.62	9.29	6.90	3.73	2.83	1.97	1.00
13	10.17	11.17	10.70	10.34	9.98	7.39	3.96	2.98	2.05	1.00
14	10.95	11.95	11.45	11.06	10.67	7.88	4.19	3.14	2.13	1.00
15	11.74	12.74	12.20	11.80	11.40	8.40	4.42	3.29	2.21	1.00
16	12.52	13.52	12.94	12.50	12.05	8.86	4.65	3.44	2.30	1.00
17	13.31	14.31	13.70	13.22	12.74	9.35	4.87	3.60	2.37	1.00
18	14.10	15.10	14.43	13.94	13.43	9.84	5.10	3.75	2.45	1.00
19	14.87	15.87	15.18	14.66	14.12	10.34	5.33	3.90	2.53	1.00
20	15.65	16.65	15.92	15.38	14.80	10.83	5.56	4.05	2.62	1.00
21	16.44	17.44	16.67	16.10	15.50	11.40	5.80	4.20	2.70	1.00
22	17.20	18.20	17.42	16.82	16.20	11.81	6.02	4.36	2.78	1.00
23	18.00	19.00	18.16	17.54	16.88	12.30	6.25	4.51	2.86	1.00
24	18.80	19.80	18.90	18.25	17.57	12.80	6.48	4.67	2.94	1.00