



Forward Equalizer, 1 GHz, SFE, E-Series

For Broadband International® 4PAC-MOT and 2PAC-MOT and ARRIS®/Motorola® Amplifiers

PARAMETER	SPECIFICATION	Unit
Passband	50-1003	MHz
Flatness	+/- 0.3	dB
Insertion Loss (Max)	1.2	dB
Return Loss	-18	dB

1 GHz Slope Chart – Frequency vs. Insertion Loss

OEM Model Number	BBI Part Number	Value	Slope	50	65	85	105	300	450	550	650	750	870	1003
SFE1000R	375000E	0	0	0	0	0	0	0	0	0	0	0	0	0
SFE1001R	375101E	1	0.8	1.8	1.8	1.7	1.6	1.5	1.3	1.3	1.2	1.1	1.1	1
SFE1002R	375102E	2	1.6	2.6	2.5	2.5	2.2	1.9	1.7	1.5	1.4	1.3	1.1	1
SFE1003R	375103E	3	2.3	3.3	3.2	3.1	2.8	2.4	2	1.8	1.6	1.4	1.2	1
SFE1004R	375104E	4	3.1	4.1	4	3.9	3.4	2.8	2.3	2	1.8	1.5	1.3	1
SFE1005R	375105E	5	3.9	4.9	4.7	4.6	3.9	3.3	2.7	2.3	2	1.7	1.3	1
SFE1006R	375106E	6	4.7	5.7	5.5	5.3	4.6	3.7	3	2.6	2.2	1.8	1.4	1
SFE1007R	375107E	7	5.4	6.4	6.3	6	5.1	4.2	3.3	2.8	2.4	1.9	1.5	1
SFE1008R	375108E	8	6.2	7.2	7	6.8	5.6	4.6	3.6	3.1	2.6	2.1	1.5	1
SFE1009R	375109E	9	7	8	7.8	7.5	6.2	5.1	4	3.3	2.8	2.2	1.6	1
SFE10010R	375110E	10	7.8	8.8	8.6	8.2	6.7	5.5	4.3	3.6	2.9	2.4	1.7	1
SFE10011R	375111E	11	8.5	9.5	9.2	8.9	7.3	6	4.6	3.9	3.1	2.5	1.8	1
SFE10012R	375112E	12	9.3	10.3	10	9.6	7.9	6.4	5	4.1	3.3	2.6	1.8	1
SFE10013R	375113E	13	10.1	11.1	10.8	10.4	8.5	6.9	5.3	4.4	3.5	2.8	1.9	1
SFE10014R	375114E	14	10.9	11.9	11.6	11.1	9	7.3	5.6	4.6	3.7	2.9	2	1
SFE10015R	375115E	15	11.7	12.7	12.4	11.9	9.5	7.8	6	4.9	3.9	3	2	1
SFE10016R	375116E	16	12.4	13.4	13	12.5	10.1	8.2	6.3	5.2	4.1	3.2	2.1	1
SFE10017R	375117E	17	13.2	14.2	13.8	13.3	10.8	8.7	6.6	5.4	4.3	3.3	2.2	1
SFE10018R	375118E	18	14	15	14.6	14	11.4	9.2	6.9	5.7	4.5	3.4	2.2	1
SFE10019R	375119E	19	14.8	15.8	15.3	14.8	11.9	9.6	7.3	5.9	4.7	3.6	2.3	1
SFE10020R	375120E	20	15.5	16.5	16	15.4	12.8	10.1	7.6	6.2	4.9	3.7	2.4	1
SFE10021R	375121E	21	16.3	17.3	16.8	16.2	13.1	10.5	7.9	6.4	5.1	3.8	2.4	1
SFE10022R	375122E	22	17.1	18.1	17.6	16.9	13.6	11	8.3	6.7	5.3	4	2.5	1