

# 204 MHz Reverse Equalizer - SRE, M-Split



For BroadBand International<sup>®</sup> 4PAC-MOT and 2PAC-MOT and ARRIS<sup>®</sup>/Motorola<sup>®</sup> Amplifiers

PARAMETER	SPECIFICATION	Unit
Passband	5-204	MHz
Flatness	+/- 0.3	dB
Insertion Loss (Max)	1.3	dB
Return Loss	-18	dB

## 204 MHz Slope Chart – Frequency vs. Insertion Loss<sup>1</sup>

204 MHz Return SRE Cable Equalizers			Frequency vs. Insertion Loss					
BBI P.N.	Values	Slope	5 MHz	42 MHz	65 MHz	85 MHz	150 MHz	204 MHz
142200EM	0 dB	1.3	2.3	2.2	2.2	2.2	2.0	1.0
142202EM	2 dB	3.3	4.3	3.7	3.4	3.2	2.4	1.0
142204EM	4 dB	4.9	5.9	4.9	4.4	4.0	2.7	1.0
142206EM	6 dB	6.7	7.7	6.1	5.2	4.7	3.1	1.0
142208EM	8 dB	8.5	9.5	7.1	6.1	5.4	3.4	1.0
142210EM	10 dB	10.0	11.0	8.3	7.1	6.3	3.8	1.0
142212EM	12 dB	11.8	12.8	9.3	7.8	6.8	4.0	1.0
142214EM	14 dB	13.4	14.4	10.4	8.6	7.4	4.2	1.0
142216EM	16 dB	15.3	16.3	11.6	9.6	8.2	4.5	1.0
142218EM	18 dB	17.1	18.1	12.9	10.7	9.1	4.9	1.0
142220EM	20 dB	19.1	20.1	14.1	11.6	9.9	5.2	1.0

<sup>1</sup> SRE equalizers exhibit a nonlinear peak between 75-85 MHz to compensate for diplex filter roll off in the OEM module