

# 85 MHz Reverse Equalizer - SRE, N-Split



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

PARAMETER	SPECIFICATION	Unit
Passband	5-85	MHz
Flatness	+/- 0.5	dB
Insertion Loss (Max)	1.2	dB
Return Loss	-18	dB

## 85 MHz Slope Chart – Frequency vs. Insertion Loss<sup>i</sup>

85 MHz Return Cable Equalizers			Frequency vs. Insertion Loss		
OEM P.N.	BBI P.N.	Values	Slope	5 MHz	85 MHz
GI-SRE-N-00	142800EN	0 dB	2.1	2.9	0.8
GI-SRE-N-01	142801EN	1 dB	3	3.8	0.8
GI-SRE-N-02	142802EN	2 dB	3.7	4.5	0.8
GI-SRE-N-03	142803EN	3 dB	4.4	5.2	0.8
GI-SRE-N-04	142804EN	4 dB	5	5.8	0.8
GI-SRE-N-05	142805EN	5 dB	5.7	6.5	0.8
GI-SRE-N-06	142806EN	6 dB	6.4	7.2	0.8
GI-SRE-N-07	142807EN	7 dB	7.1	7.9	0.8
GI-SRE-N-08	142808EN	8 dB	7.8	8.6	0.8
GI-SRE-N-09	142809EN	9 dB	8.6	9.4	0.8
GI-SRE-N-10	142810EN	10 dB	9.5	10.3	0.8
GI-SRE-N-11	142811EN	11 dB	10.4	11.2	0.8
GI-SRE-N-12	142812EN	12 dB	11.4	12.2	0.8
N/A	142814EN	14 dB	13.3	14	0.7
N/A	142816EN	16 dB	15.3	16	0.7
N/A	142818EN	18 dB	17.3	18	0.7
N/A	142820EN	20 dB	19.3	20.1	0.8

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