

# Reverse Equalizer, 42 MHz



For Scientific Atlanta<sup>®</sup> 6940/6944 Nodes and Thomas & Betts/Augat<sup>®</sup> Nodes

PARAMETER	SPECIFICATION	Unit
Passband	5-42	MHz
Flatness	+/- 0.4	dB
Insertion Loss (Max)	1	dB
Return Loss	-18	dB

## 42 MHz Slope Chart – Frequency vs. Insertion Loss

OEM Model Number	BBI Part Number	Value	Slope	5	10	20	30	40	42
REQ42/00.0	130400	0 dB	0.1	0.6	1.1	1.2	1.1	0.6	0.5
REQ42/01.5	130401	1.5 dB	4.2	5.0	4.8	4.1	3.0	1.3	0.8
REQ42/03.0	130403	3.0 dB	4.7	5.1	5.0	4.6	3.5	0.7	0.4
REQ42/04.5	130404	4.5 dB	6.3	6.6	6.3	5.2	3.3	0.6	0.3
REQ42/06.0	130406	6.0 dB	7.5	8.0	7.6	6.2	3.8	0.7	0.5
REQ42/07.5	130407	7.5 dB	9.0	9.4	8.6	6.7	4.0	0.3	0.4
REQ42/09.0	130409	9.0 dB	9.4	10.1	9.2	7.3	4.9	1.5	0.7
REQ42/10.5	130410	10.5 dB	9.7	10.5	9.7	7.5	4.3	1.3	0.8
REQ42/12.0	130412	12.0 dB	10.7	11.3	10.1	7.5	4.6	1.3	0.6
REQ42/13.5	130413	13.5 dB	11.6	12.1	10.7	7.6	4.5	1.1	0.5
REQ42/15.0	130415	15.0 dB	12.1	13.0	11.1	7.7	4.7	1.6	0.9
REQ42/16.5	130416	16.5 dB	14.0	14.6	12.7	9.1	5.2	1.2	0.6
REQ42/18.0	130418	18.0 dB	15.0	15.9	13.6	9.5	5.3	1.6	0.9
REQ42/19.5	130419	19.5 dB	16.3	17.3	14.9	10.5	5.9	1.7	1.0
REQ42/21.0	130421	21.0 dB	17.7	18.6	16.0	11.3	6.1	1.7	0.9