Source \( Z = 100 \) ohms or less

Load \( Z \) MUST be \( ~500 \) ohms

Max inductor DCR (in ohms): 67 32 12 26 17 6 6

Title: EQUALIZER

Date: Thursday, January 26, 2006

Sheet 1 of 2
Input matching: -6dB (Low-Z) or -12dB (High-Z)

Equalizer:
-12dB (at "O" setting)

Output matching:
0dB (High-Z) or -6dB (Low-Z)

MINIMUM PRIMARY INDUCTANCE: 15H @ 20Hz
MAXIMUM DCR (EITHER WINDING) = 60 ohms
(MIN. LOAD: 2K)
(MAX. SOURCE: 1K)

MINIMUM PRIMARY INDUCTANCE: 25H @ 20Hz
MAXIMUM PRIMARY DCR: 200 ohms
MAXIMUM SECONDARY DCR: 50 ohms

INSERTION LOSS: -6dB (Low-Z) or -12dB (High-Z)

INPUT MATCHING: -12dB (at "O" setting)

EQUALIZER 0dB (High-Z) or -6dB (Low-Z)

OUTPUT MATCHING

Optional 1:1 isolation transformer

NEW YORK DAVE

EQUIVALENT APPLICATION

1.3K
BYPASS

HIGH-Z
(Max source: 1K)

10K:600

LOW-Z
(Max source: 200 ohms)

INPUT

2.2K

EQUALIZER (See Page 1)

HIGH-Z
(Min. load: 2K)

LOW-Z
(Min. load: 500 ohms)

250

OUTPUT