Featuring yet another of RAAL’s improvements to the fine art of high-end audio transducer design, the novel magnetic circuit that boosts gap flux and cancels distortion named COMPREMAG, then all of the RAAL usals: homogenous gap flux, flat foil embossed with standing-wave breaking pattern, symmetrical signal leading inductance cancelling loops, five transformer taps for sensitivity adjustment, amorphous metal or ferrite transformer cores, copper or Siltech’s silver-gold3% + Kapton wire in primary windings, ribbon replacement kits, copper soldering posts... this unique ribbon will outperform any compression driver horn tweeter in micro and macro-dynamics rendering, not to mention detail, speed, low-level signal information and clarity. It is primarily designed for augmenting high-efficiency "horn" systems, serving as a tweeter or super-tweeter, although any high-efficiency, high-SPL, high power demands will be enthusiastically served by it.
RAAL
LAZY RIBBON
HIGH EFFICIENCY TRUE RIBBON HIGH FR. DRIVER

IMPEDANCE AT FIRST TRANSFORMER TAP

IMPULSE RESPONSE

CUMULATIVE SPECTRAL DECAY

IMPEDANCE IN OHMS

7.1
10.0
14
neg. 3.5
5.0

SOLDERING POINTS TOP VIEW

FREQUENCY RESPONSE AT FIRST TAP (3.5 OHMS)

FREQUENCY RESPONSE AT FIFTH TAP (14 OHMS)

SPECIFICATIONS:

RIBBON MATERIAL
ALUMINIUM
RIBBON DIMENSIONS
210 x 9.5 x 0.05 MM
RIBBON MASS
0.027 g
RIBBON AREA
20 cm sq.
GAP INDUCTION
0.71 T
FREQ. RESPONSE
3kHz ~ 50kHz
PEAK SENSITIVITY
105-106.5-108-109.5-1108 SELECTABLE
IMPEDEANCE
3.5 - 5 - 7 - 10 - 14 OHM SELECTABLE
TRANSFORMER PRIMARY INDUCTANCE
0.65-0.93-1.3-1.9-2.6 MH
PROGRAM POWER HANDLING @ 3k L-R 4TH ORDER
200 W
PROGRAM POWER HANDLING @ 10k 1ST ORDER
30 W
RAAL
LAZY RIBBON  COMPREMAG®
MECHANICAL DRAWING

Baffle hole:  225 x 56 mm

Weight:  ~3.8 kg

All dim. tolerance: 0.3 mm

SOLDERING POINT TERMINALS