

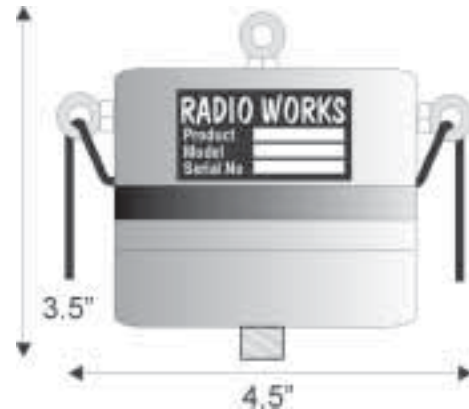
## 4:1 High Performance Current Balun

# B4-2KX

Balun Type	Current
Ratio	4:1
Operating Bandwidth	160 - 10 m
Power Loss, dB	<0.8 dB nominal
Saturation Resistant?	Moderate
Internal xmsn line Z	45-ohms, equivalent
Core type	2 x Ferrite
SSB/CW Power @ 3.5 MHz*	>1.5 kW if SWR <3:1
Output Balance	Excellent
Load Variation Tolerance	Excellent
Input Connector	SO-239
Output Connector	Wire
Size	3.5" x 3.5"

\*CW/SSB duty-cycles only. Not rated for AM, RTTY or other high duty-cycle modes.

Applications: This Current-type™ balun is suitable for all applications requiring a precision 4:1 balun. Use in wire beams, KT-series Yagis, folded dipoles, monopoles, etc.



### Laboratory Standards, Amateur Radio Price

List Price \$60

Catalog Price **\$56.95**

Prices and specifications are subject to change without notice.

### The Top of the Line

- √ New, double-core, cross-coupled design.
- √ Exceptional output balance.
- √ Massive toroidal ferrite cores.
- √ Exceptionally high winding reactance is possible only with a proper L-C compensation network.
- √ Special, large gauge, high temperature, high voltage wire.
- √ Network compensation for wide bandwidth
- √ Rated well beyond the legal power limit.
- √ Stainless-steel eyebolts.

### The Only 4:1 Broadband Current Balun

Current-type™ baluns have several major advantages over common Voltage-type baluns. Simply stated, Current-type™ baluns are more tolerant of imperfect loads while providing excellent output balance and feedline isolation. Very wide bandwidth and high power operation are additional characteristics of all RADIO WORKS' Current-type™ baluns. The electrical specifications of each RADIO WORKS' balun far exceeds industry standards.

### KT-34 XA BEAM

Enthusiastic users report that the B4-2KX is a bulletproof replacement for the KT-34 or KT-34XA balun.