

Chokes and Baluns: For Further Reading  
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Here is the bibliography of sources I mentioned in my 1 August 2019 presentation on chokes, baluns, and noise reduction, as well as some additional references. Each of these in turn will point you to several other good sources. The K9YC articles will help you *understand*. The Palomar Engineers articles will help you evaluate and make choices regarding commercial products. The last book on the list is less about baluns and chokes than antennas, but makes very good points about improving *signal-to-noise* ratio, even if the *signal* is smaller than on another antenna.

Joel Harrison's article on ethernet noise (copy and paste into browser; it will take you to google and then the pdf):

<https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=2ahUKEwi3xJX5j-PjAhXnp1kKHCh-CYkQFjAAegQIARAC&url=http%3A%2F%2Fwww.w5zn.org%2Ffiles%2FSlaying%2520the%2520Grim%2520Reaper%2520of%2520Internet%2520Router%2520Noise%2520on%25206%2520Meters.pdf&usg=AOvVaw33Eo00uOJvuB1UoKEZivzR>

Jim Brown K9YC Tutorial (Read this first!!!!): <http://k9yc.com/RFI-Ham.pdf>

K9YC Choke Cookbook: <http://k9yc.com/2018Cookbook.pdf>

K9YC on Chokes and Isolation Transformers for Receiving Antennas:  
<http://k9yc.com/RXChokesTransformers.pdf>

(There are many other interesting articles on k9yc.com; I encourage you to browse.)

Transmission Line Transformers, Jerry Sevick, W2FMI, various editions and years.

Choosing a Feedline Choke:

<https://palomar-engineers.com/antenna-products/1-1-balun-kits/choosing-a-feedline-choke>

Ferrite Mix Selection:

<https://palomar-engineers.com/ferrite-products/ferrite-cores/ferrite-mix-selection>

Antenna Physics: an Introduction, Robert J. Zavrel, Jr. W7SX, ARRL, 2016 – 2017.

High Performance Broadband Balun, John J. Nagle, K4KJ, *ham radio*, February 1980, p 28.

A New Class of Coaxial-Line Transformers, George Badjer, W6TC, *ham radio*, February 1980, p 12.

Receiving Antennas for the Radio Amateur, Eric P. Nichols, KL7AJ, ARRL, 2018