

# RF TRANSFORMERS

## Transformers for Wideband RF Applications



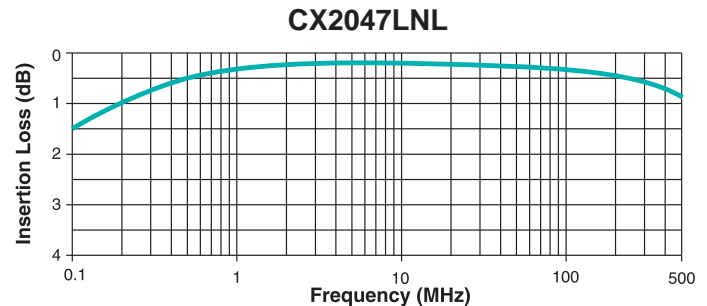
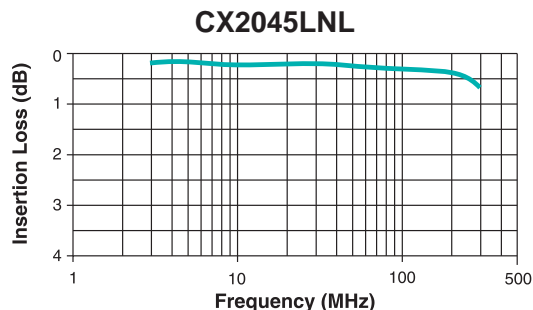
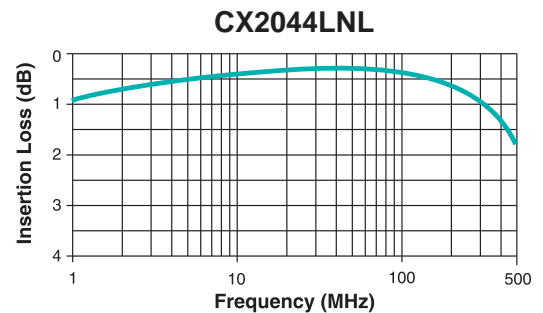
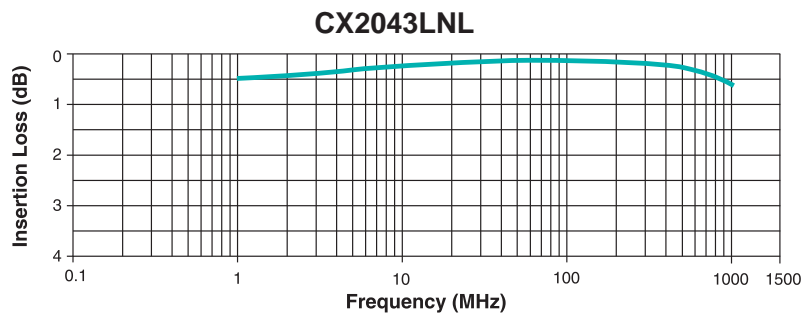
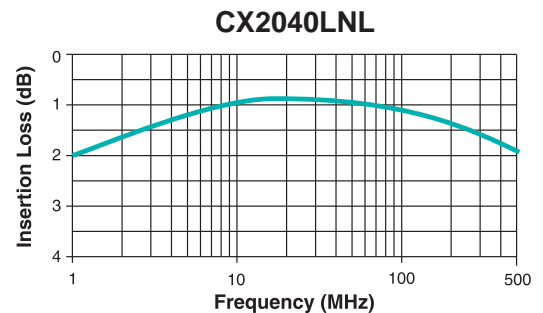
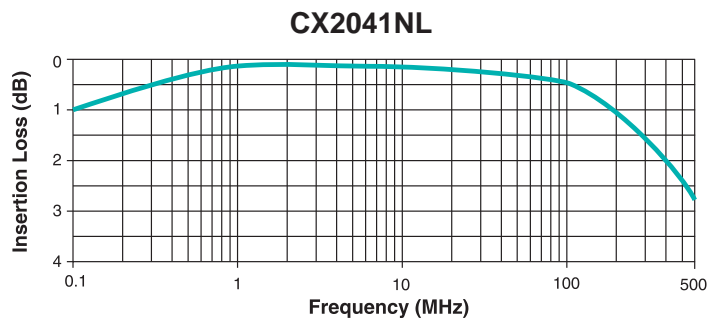
### Notes from Tables

1. Impedance and turns ratios are specified primary:secondary.  
(CT=Center Tap).
2. Bandwidth is referenced to midband loss.
3. These transformers are verified to operate from -40°C to +85°C.  
Contact Pulse Applications Engineering for performance data.

### Application Notes

- A. Bandwidth specifications for **CX2040LNL** and **CX2047LNL** are for a 50  $\Omega$  system.
- B. Materials used in the products are UL94-V0 recognized. Products meet requirements of IEC 695-2-2 (Needle Flame Test).
- C. **CX2038LNL**, **CX2039LNL**, and **CX2043LNL** transformer configurations do not provide DC isolation between primary and secondary windings.
- D. For additional impedance ratios and frequency ranges, please contact Pulse Applications Engineering.
- E. Pick and place operation: smooth upper surface of device allows automatic pick and place.
- F. For availability of lead-free version of this product, please contact Pulse.

### Typical Insertion Loss @ 25°C



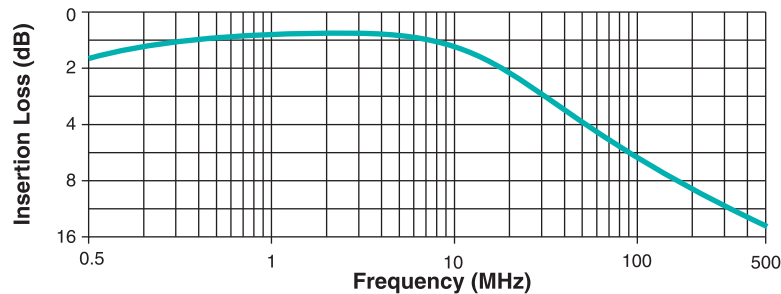
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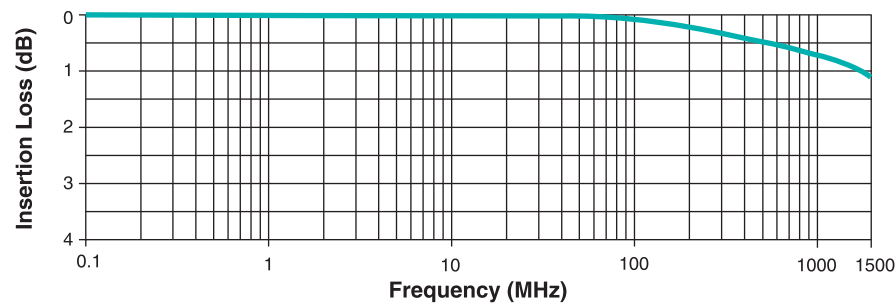


### Typical Insertion Loss @ 25°C

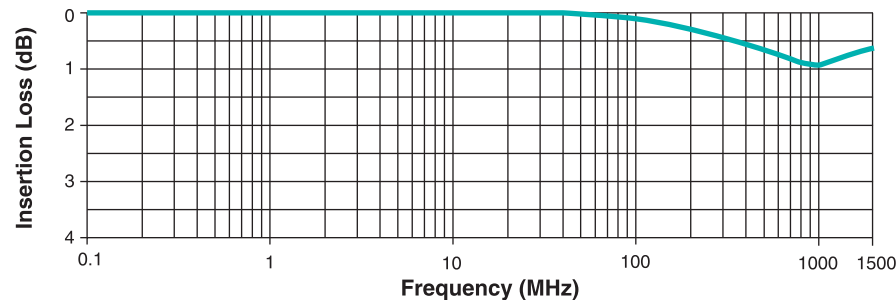
**CX2029NL**



**CX2038LNL**



**CX2039LNL**



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