



RCN SERIES

GAIN EQUALIZER NETWORK



[Scan Here to View the RCN Series Datasheet](#)

BASIC OVERVIEW

These ultraminiature equalizers combine high-performance tantalum nitride resistive elements and silicon/oxygen/nitrogen capacitive elements. They are manufactured with KYOCERA AVX's proprietary, glass-sandwich FLEXITERM® surface-mount technology, which provides an extra measure of protection against flexure damage during installation. With their wide operating temperature range, this series can extend across a wide range of applications.

GENERAL CHARACTERISTICS

- EIA 0402 Case Size
- Resistance Range: 10 to 50 Ω typ.
- Capacitance Range: 1 to 50pF typ.
- Power Rating: 40mW
- Operating Temperature: -55°C to +125°C
- Parallel Configurations
- Lead-Free, RoHS Compliant
- Laser Trimmed

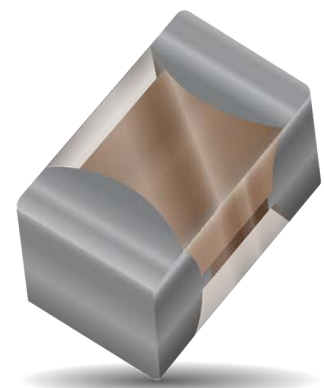
**Contact factory for other case sizes and RC combinations*

APPLICATIONS

- Optoelectronics
- Telecommunications
- Broadband Jamming for EW
- Space
- Military
- Electronic Warfare
- Instrumentation & Test

TOP SELLING POINTS / CHARACTERISTICS

- Small, 0402 case size
- FLEXITERM® termination
- Glass sandwich technology
- 100% laser trimming for tight tolerances
- Low 0.5mm profile



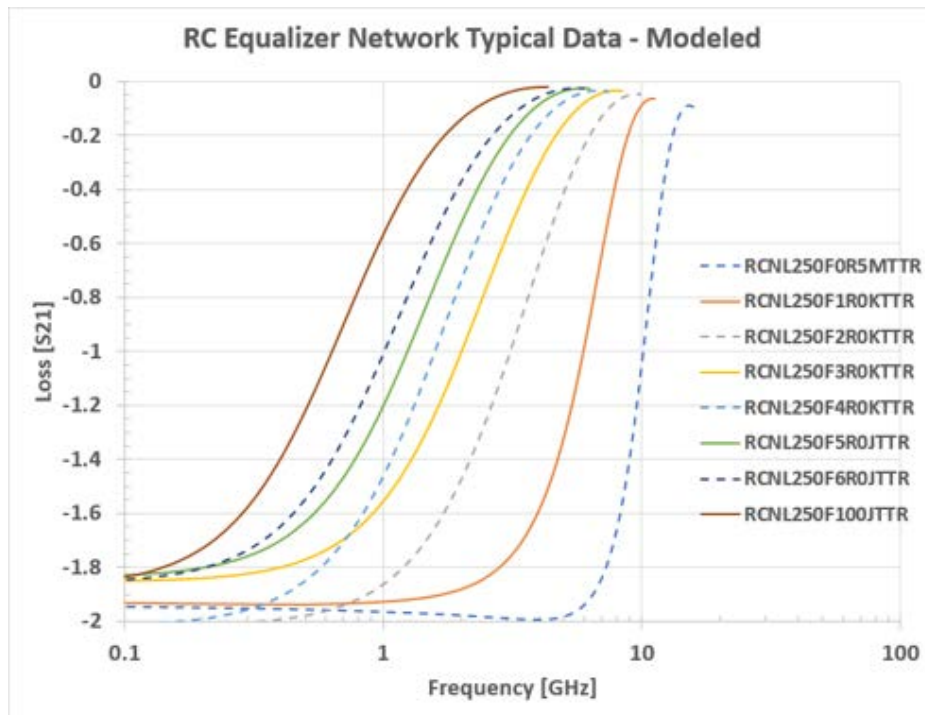


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PART NUMBER INFORMATION

RCN	L	250	F	5R0	J	T	TR
Series	Size L = 0402	Resistance Value (Ω) Resistance Code (in Ω) (2 significant digits + numbers of zeros) Example: 25 Ω = 250 50 Ω = 500	Resistance Tolerance F = 1%	Capacitance Value (pF) Capacitance Code (in pF) (2 significant digits + number of zeros) For values <10pF: Letter R denotes decimal point Example: 0.5pF = 0R5 6pF = 6R0 10pF = 100	Capacitance Tolerance J* = 5% K* = 10% M* = 20% *Minimum tolerance = +/-0.1pF	Terminations T = NiSn Plated	Packaging TR = Tape & Reel (500cs) TR1K= Tape and Reel (1,000pcs)

MODELS



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