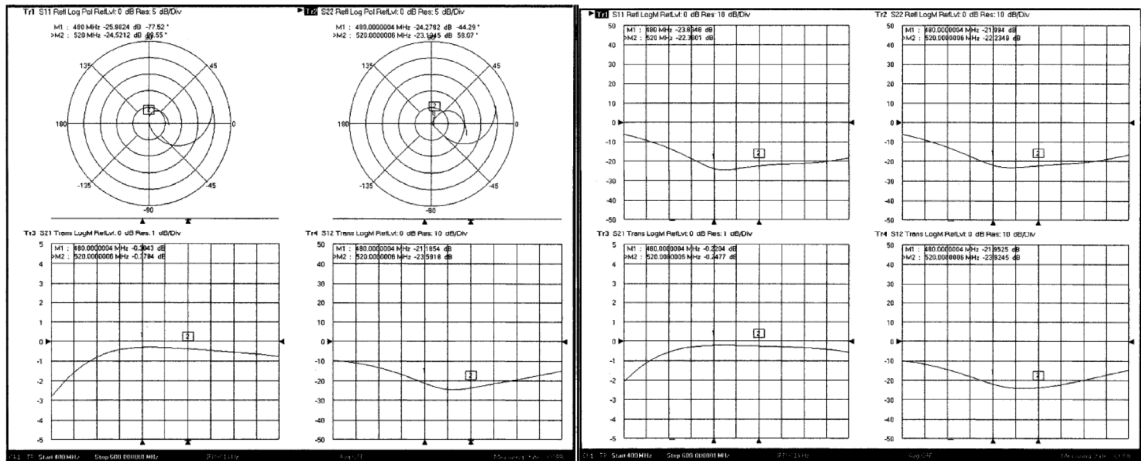


480 – 750 MHz Coaxial Isolator, UHF Band, C1-U24318

Renaissance’s C1-U24318 isolator is ideal for UHF radar systems that requires unit to unit phase and amplitude matching for phased array systems. Covering 40 MHz of bandwidth, the isolator exhibits low loss of 0.5 dB in a compact size of 2.25” x 2.25” x .64”.



Features and Benefits

- Designed for phased array radar systems - $\pm 3^\circ$ phase matched
- Low insertion loss improves systems fidelity
- Compact size makes overall system lighter and easier to install
- High isolation provides good S/N
- Low profile enables addition of more elements to the array; when required

Specifications

Freq. Range	480 – 750 MHz
Insertion loss	.5 dB MAX
Isolation	20 dB MIN
VSWR	1.25 : 1 MAX
Size	2.25” x 2.25” x .638”