

K-band Drop-in Isolator Series

17.7 – 18.7 GHz, 2L9NHE-ROHS
 18.5 – 19.5 GHz, 2L9NHF-ROHS
 19.2 – 20.2 GHz, 2L9NHD-ROHS
 20.2 – 21.2 GHz, 2L9NHG-ROHS

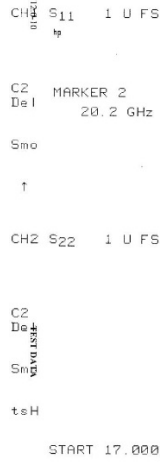
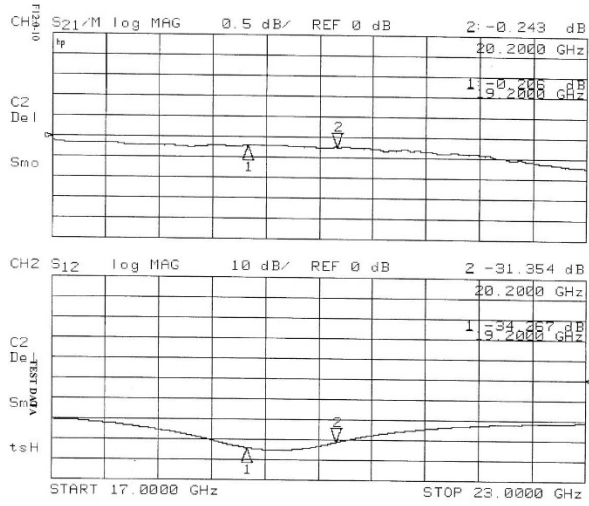
For VSWR improvement in SatCom applications, Renaissance has designed a series of K-band Drop-in isolators. Available in four frequency ranges, these isolators are highly reliable and temperature stable.

	2L9NHE-ROHS	2L9NHF-ROHS	2L9NHD-ROHS	2L9NHG-ROHS
Frequency	17.7 – 18.7 GHz	18.5 – 19.5 GHz	19.2 – 20.2 GHz	20.2 – 21.2 GHz
Insertion Loss	0.5 dB	0.5 dB	0.5 dB	0.8 dB, 0.5 dB @ 25°C
Isolation	22 dB	22 dB	22 dB	22 dB
VSWR	1.25:1	1.25:1	1.25:1	1.25:1
Load	5 Watts	5 Watts	5 Watts	5 Watts
Temperature	-30°C to 70°C	-30°C to 70°C	-30°C to 70°C	-30°C to 70°C
Size	.25" x .50" x .15"	.25" x .50" x .15"	.25" x .50" x .15"	.25" x .50" x .15"

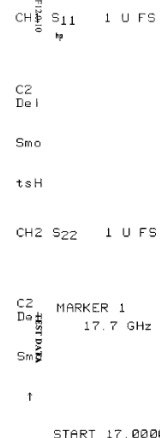
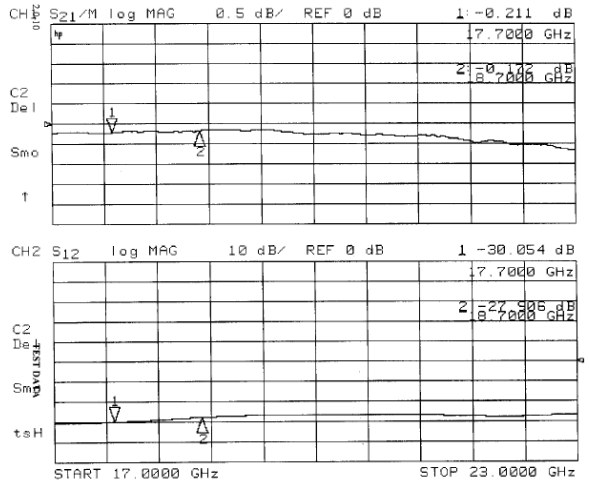
Features and Benefits

- Lightweight and compact design makes it suitable for satellite and VSAT applications
- Low insertion loss improves noise figure of the system
- Temperature stability allows for high performance under extreme environmental conditions
- Low VSWR helps improve system fidelity

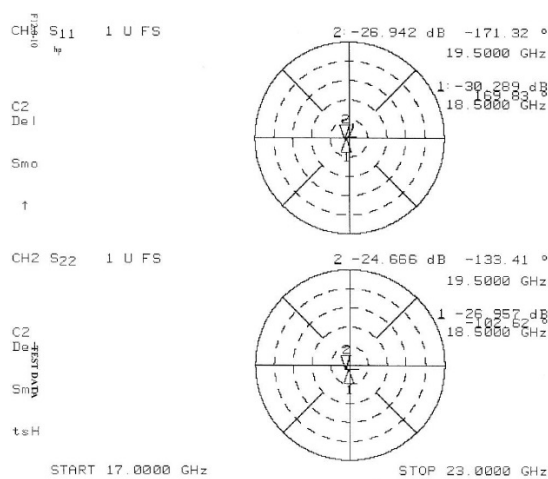
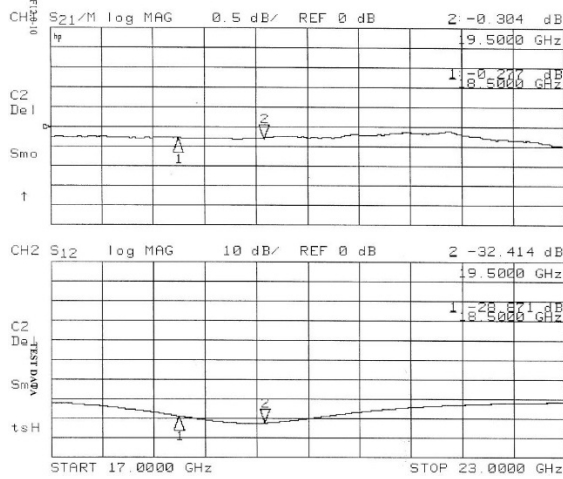
2L9NHD-ROHS



2L9NHE-ROHS



2L9NHF-ROHS



2L9NHG-ROHS

