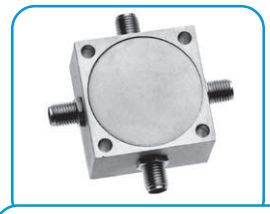
QUADRATURE HYBRID
MODEL DQK-302S

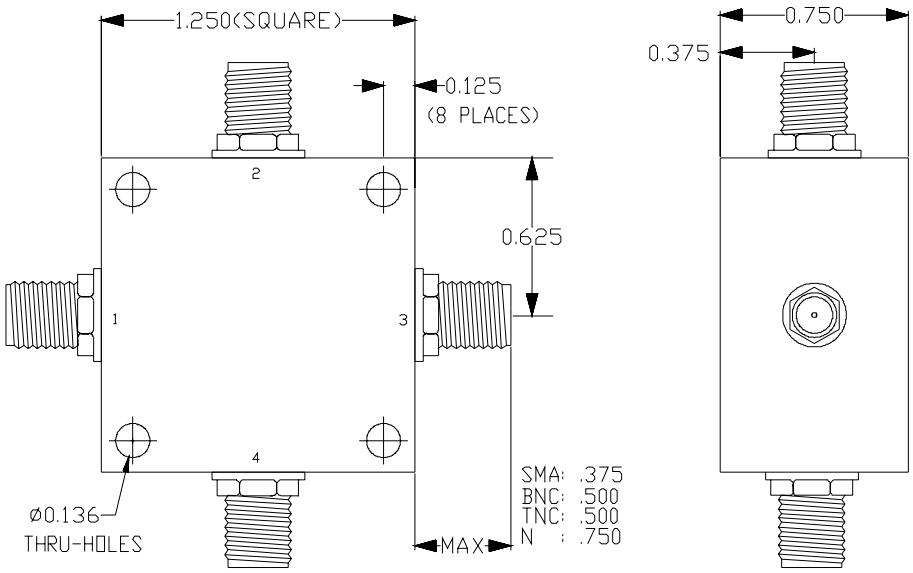
WIDE BANDWIDTH 20 - 60 MHz

SPECIFICATIONS

Operating Frequency:	20 - 60 MHz	**Phase Unbalance:**	1.0º (Typ)/ 3.0º (Max)
Insertion Loss:	0.3 dB (Typ) / 0.5 dB (Max)	**VSWR:**	1.3:1 (Max)
Isolation:	23 dB (Typ)/20 dB (Min)	**Power Rating**	1 Watt (Max)
Amplitude Unbalance:	0.8 dB (Typ) / 1.0 dB (Max)	**Impedance:**	50 Ohms
		Operating Temp. Range:	-55º to +85ºC



MECHANICAL OUTLINE:113



PIN-OUT	
INPUT	1
+90º OUTPUT	3
0º OUTPUT	2
ISOLATED*	4

** Terminate ISOLATED port with 50 ohms.*

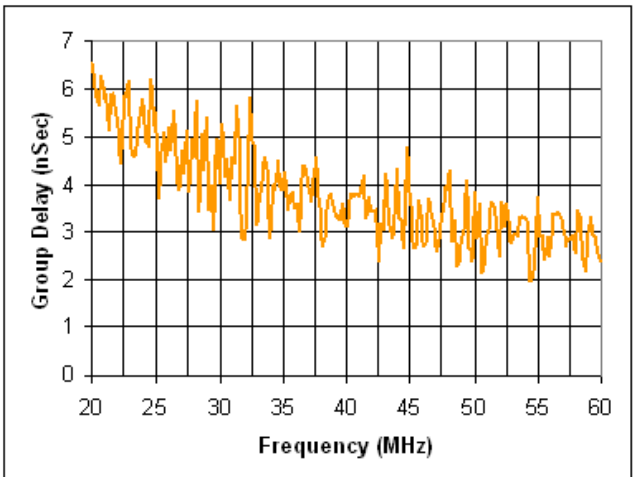
Copyright © 2004 Synergy Microwave Corporation
201 McLean Boulevard • Paterson, New Jersey 07504 • Tel: (973) 881-8800 • Fax: (973) 881-8361
E-Mail: sales@synergymwave.com • World Wide Web: http://www.synergymwave.com

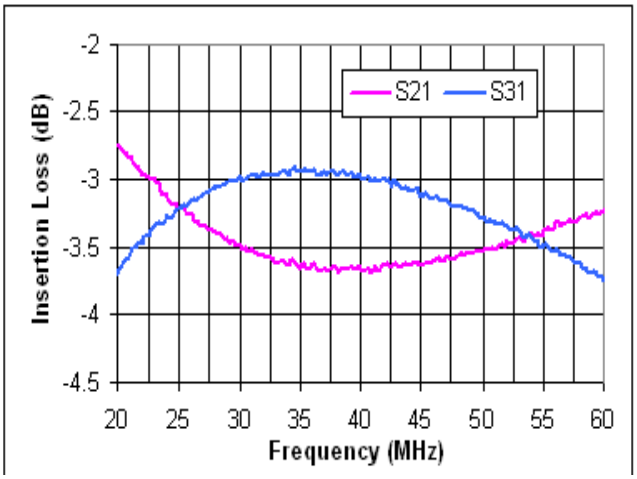
SYNERGY® MICROWAVE CORPORATION

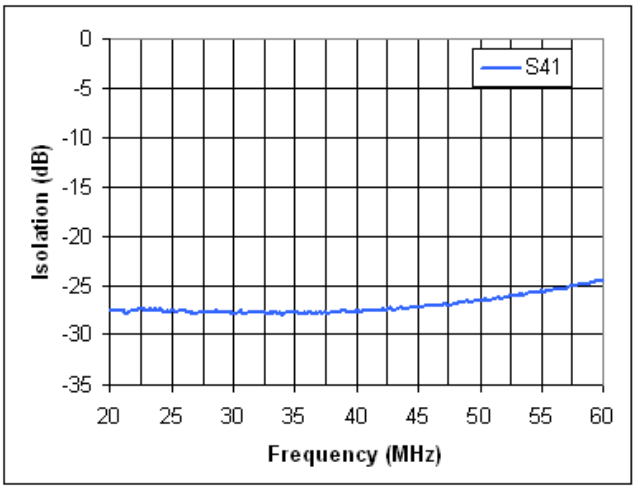
QUADRATURE HYBRID
MODEL DQK-302S

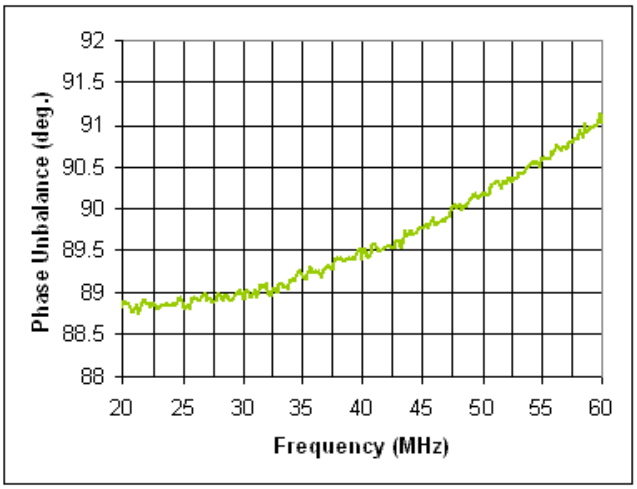
WIDE BANDWIDTH 20 - 60 MHz

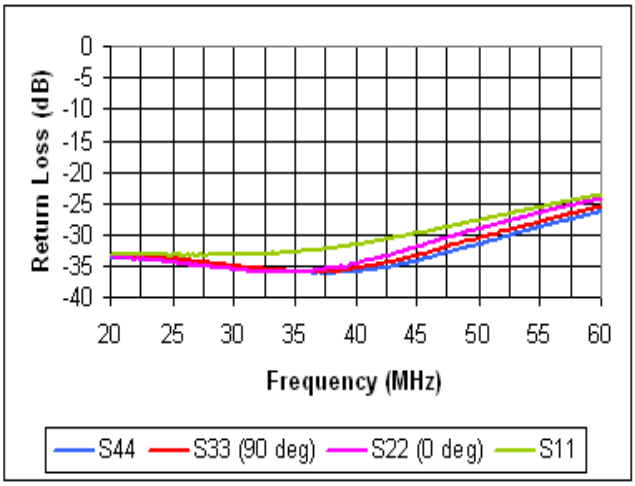
PERFORMANCE PLOTS











Copyright © 2004 Synergy Microwave Corporation
201 McLean Boulevard • Paterson, New Jersey 07504 • Tel: (973) 881-8800 • Fax: (973) 881-8361
E-Mail: sales@synergymwave.com • World Wide Web: http://www.synergymwave.com

SYNERGY®
MICROWAVE CORPORATION