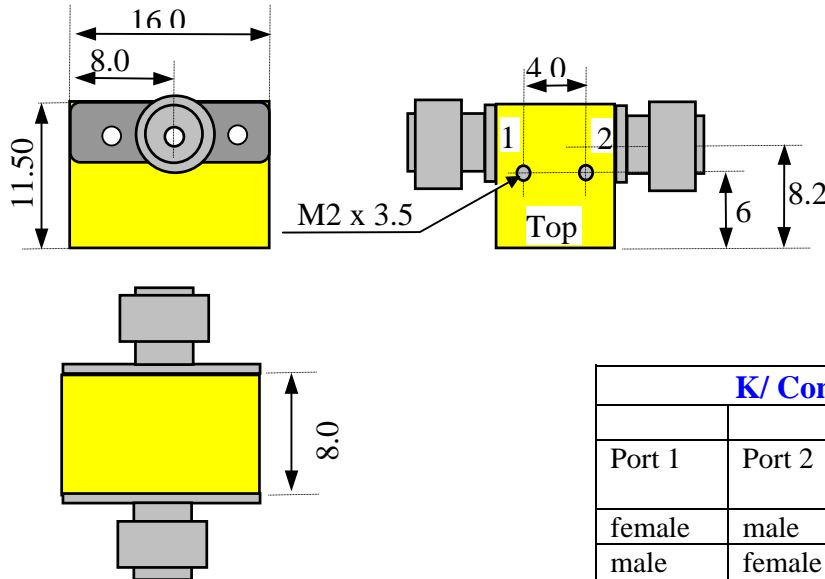


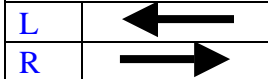
RADITEK INC.

Isolators and Circulators 24 to 40 GHz, code e
K connector RI/C-24-40G- KX-1WR/L (part band)

10% Bandwidth max



Direction of RF:



K/ Connector options

Port 1	Port 2	Iso	Circ	Circ
			Port 3 Male	Port 3 Female
female	male	-1	-11	-21
male	female	-2	-12	-22
female	female	-3	-13	-23
male	male	-4	-14	-24

Not to scale, Units: mm

Specifications:							
Frequency	GHz	24.5-27.1	27.1-29.9	29.5-30.5	29.75-31.25	29.9-33.1	30-31
Bandwidth	GHz	2.6	2.8	1	1.5	3.2	1
Connector		K	K	K	K	K	K
Insertion loss	dB	1.2	1.2	1.1	1.1	1.2	1.1
Isolation	dB	20	19	20	20	19	20
VSWR		1.45	1.45	1.35	1.35	1.45	1.35
Power handling Fwd	Watt	2	2	2	2	2	2
Power handling Rev	Watt	1	1	1	1	1	1
Temperature range	°C	-30 to 70	-30 to +70	-30 to +65	-30 to +70	-30 to +70	-30 to +70
				e	e		e

RI/RC-24-40-Kx-1WR/L


Specifications may be subject to change

9/14/04

WORLD HQ: 1702H Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.

Telephone: (408) 266-7404 FAX: (408) 266-4483

WEB: www.raditek.com, E-mail: sales@raditek.com



Specifications:							
Frequency	GHz	24 -27	26-30	27-34	27-34	28.35-28.95	29.6-30.2
Bandwidth	%	10%	14.3%	5%	10%	full	full
Connector		K	K	K	K	K	K
Insertion loss	dB	1.1	1.3	0.9	1.3	0.9	0.9
Isolation	dB	20	18	23	23	23	23
VSWR		1.4	1.45:1	1.3:1	1.35:1	1.3:1	1.3:1
Power Forward	Watt	2	2	2	2	2	2
Power Reverse	Watt	1	1	1	1	1	1
Temperature range	°C	-30 to +70	-30 to +70	-30 to +70	-30 to +70	-30 to +70	-30 to +70

Specifications:						Isolator	Circulator
Frequency	GHz	29-31	30-31	30-35	35-40	34-36	34-36
Bandwidth		full	1 GHz	15.4%	13.3%	Full	Full
Connector		K	K	K	K	K	K
Insertion loss	dB	1.3	1.2	1.4	1.5	1.2	1.2
Isolation	dB	20	20	17	17	20	18
VSWR		1.35:1	1.35	1.50:1	1.50:1	1.40:1	1.45:1
Power Forward	Watt	2	2	2	2	2	2
Power Reverse	Watt	1	1	1	1	1	1
Temperature range	°C	-30 to +70	+30 to +65	-30 to +70	-30 to +70	-30 to +70	30 to +70
			e				

Specifications:							
Frequency	GHz	36.15-36.35	30-31				
Bandwidth		full	1				
Connector		K	K				
Insertion loss	dB	1.2	1.3				
Isolation	dB	20	18				
VSWR		1.45:1	1.45				
Power Forward	Watt	2	2				
Power Reverse	Watt	1	1				
Temperature range	°C	-30 to +70	-40 to +80				
			e				