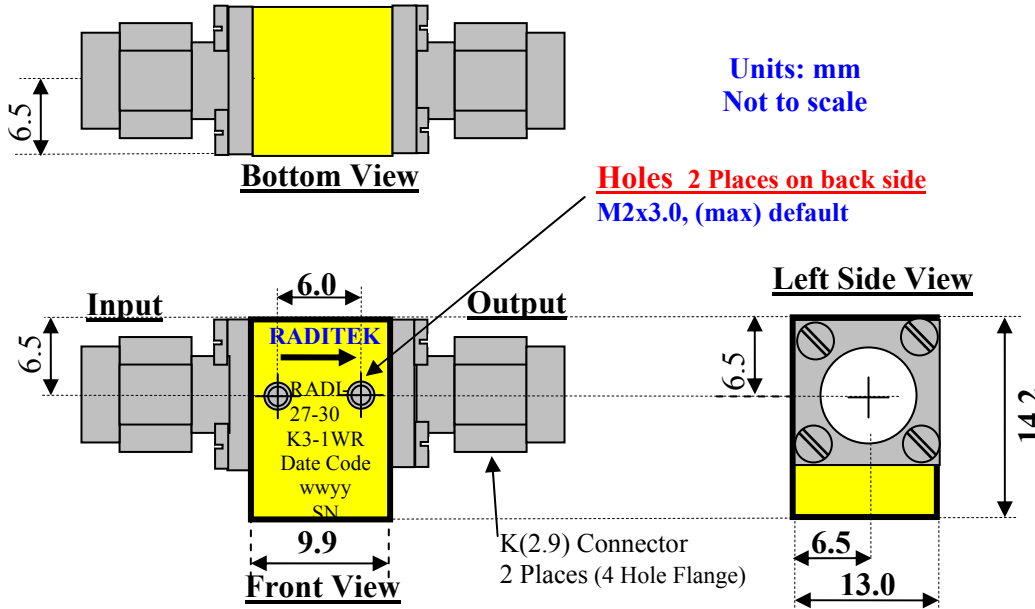


Coaxial Isolator, 17-40 GHz, Split Bands, 5% Bandwidth Standard (>5% Bandwidth Special), K (2.9) mm Connector, 1Watts RI-f1-f2-Kx-1WR-b



Direction of RF:	
R	Default ▶
L	◀

∅ Order Examples: **RI-27-30-K2-1WR-b**
I=ISOLATOR

K(2.9) Connector options (X)		
Isolator		
Port 1	Port 2	
Female	Male	-1
Male	Female	-2
Female	Female	-3
Male	Male	-4

Specifications: Frequency GHz	Bandwidth %	Insertion loss dB (max)	Isolation dB (min)	VSWR :1	Power Fwd Watts	Power Rev Watts	Temp °C	Connector	comment
17.5-22.5	25	1.5 1.2	20 20	(16.6) 1.35 (20) 1.22	2	2	-10 to +60 20 to +30	K	-65dbc RFI
27-30	10.5*	1.1	20	1.35	1	1	-30 to +65	K	
27-31	13.8*	1.2	20	(16.6) 1.35	1	1	-30 to +70	K	
27.0-31.5	15.4	1.5 1.2	20 20	(16.6) 1.35 (20) 1.22	2	2	-10 to +60 20 to +30	K	-65dbc RFI
29.75-31.25	6.62*	1.1 1.0/0.9	20 23	1.35 1.30	1	1	-30 to +85 -15 to +35	K	
30-33	10.5*	1.1	22	1.35	1	1	-30 to +70	K	

Coaxial Isolator, 17-40 GHz, Split Bands, 5% Bandwidth Standard (>5% Bandwidth Special), K (2.9) mm Connector, 1Watts RI-f1-f2-Kx-1WR-b

ITEMS NOT AGREED YET

Specifications:						Units
Frequency	17-27	17-27	27-34	34-40	34-40	GHz
Bandwidth	2%	10%	10%	5%	10%	%
Connector	K	K	K	K	K	
Insertion loss	0.9	1.1	1.1	1.2	1.3	dB
Isolation	22	20	20	20	20	dB
VSWR	1.35:1	1.35:1	1.35:1	1.40:1	1.45:1	
Power handling Forward	2	2	2	2	2	Watt
Power handling Reverse	2	2	2	2	2	Watt
Temperature range	-30 to +60	-30 to +65	-30 to +65	-30 to +65	-30 to +65	°C

***Denotes Special >5% Bandwidth**

Specifications: Frequency GHz	Bandwidth %	Insertion loss dB (max)	Isolation dB (min)	VSWR :1	Power Fwd Watts	Power Rev Watts	Temp °C	Conne ctor	
17.8-22	21.1*	1.2	20	1.35	2	1	-30 to +70	K	
18-21.2	16.3*	1.2	20	1.35	2	1	-30 to +70	K	
18-22	20.0*	1.2	20	1.35	2	1	-30 to +70	K	
18.97-21.03	10.3*	1.1	20	1.35	2	2	-30 to +65	K	
19.35-19.95	3.1	0.9	23	1.30	2	1	-30 to +70	K	
19.48-20.52	5.2	0.9	22	1.30	2	2	-30 to +65	K	
19.97-22.03	9.8*	1.1	20	1.35	2	2	-30 to +70	K	
20-21	4.9	0.9	23	1.30	2	1	-30 to +70	K/2.4	
20.2-21.2	4.8	0.8	22	1.30	2	1	-30 to +70	K/2.4	
20.48-21.52	5.0	0.9	22	1.30	2	2	-30 to +70	K	
20.5-21.5	4.8	1.1	20	1.35	2	1	-40 to +70	K	
20.6-21.2	2.9	0.8	22	1.25	2	1	-30 to +70	K	
23.0-26.4	13.8*	1.1	20	1.35	2	1	-30 to +65	K	
24.0-24.2	0.83	0.9	20	1.30	2	2	-30 to +65	K	
24.5-27.1	10.1*	1.2	20	1.45	2	2	-30 to +70	2.4	
24-27	11.8*	1.1	20	1.40	2	1	-30 to +70	K	
24.5-27.5	11.5*	1.1	20	1.35	1	1	-30 to +65	K	
24.5-27.5	11.5*	1.3	19	1.48	2	2	-30 to +70	K	
24.75-25.25	2.0	0.9	22	1.30	2	1	-30 to +70	K	
25-27	7.7*	1.3	19	1.48	2	2	-30 to +70	K	
25-27.5	9.5*	1.2	20	1.45	2	1	-30 to +70	K	

RI-17-40-Kx-1WR-Generic-b

Specifications may be subject to change

01/07/10

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Coaxial Isolator, 17-40 GHz, Split Bands, 5% Bandwidth Standard (>5% Bandwidth Special), K (2.9) mm Connector, 1Watts RI-f1-f2-Kx-1WR-b

Specifications: Frequency GHz	Bandwidth %	Insertion loss dB (max)	Isolation dB (min)	VSWR :1	Power Fwd Watts	Power Rev Watts	Temp °C	Connector	
25.3-25.5	0.79	0.8	20	1.30	4	2	-20 to +55	K	
26-27	3.8	1.1	20	1.35	2	1	-30 to +65	K	
26-30	14.3*	1.3	18	1.45	2	1	-30 to +70	K	
26.5-31.0	7.03	1.4	18	1.4	2	1	-30 to +70	K	
27-31	13.8*	1.2	20	1.45	4	2	-30 to +70	K	
27.1-29.9	9.8*	1.2	19	1.45	2	1	-30 to +70	K	
27.3-28.3	3.6	1.0	20	1.35	1	1	-30 to +65	K	p
27.5-28.5	3.6	1.0	20	1.35	1	1	-30 to +65	K	
27.5-31.0	12.0*	1.1	20	1.45	1	1	-30 to +65	K	
27.5-31.5	13.56*	1.0	18	1.35	2	1	-30 to +70	K	
27.85-30.15	7.9*	1.1	20	1.35	2	1	-30 to +65	K	e
28.0-29.5	5.22	1.1	22	1.35	1	1	-30 to +70	K	
28-30	6.9*	1.1	20	1.35	2	1	-35 to +85	K/2.9	
28-31	10.2*	1.0	20	1.35	1	1	-30 to +65	K	
28.18-31.5	11.13*	1.2	20	1.35	1	0.5	0 to +50	K	Survival temp. -30 to +60°C
28.35-28.95	2.1	0.9	23	1.30	2	1	-30 to +70	K	
28.5-31.5	10.0*	1.1	20	1.35	2	2	-30 to +65	K	
29-31	6.7*	0.9	23	1.35	2	1	-40 to +70	K	2-16-09 so 8695
29-32		1.2	20	1.35	1	1	-30 to +70	K	
29.25-30.75	5.0	1.1	22	1.35	2	2	-30 to +65	K	
29.5-30.5	3.3	1.1	20	1.35	2	1	-40 to +70	K	
29.6-30.2	2.0	0.9	23	1.30	2	1	-30 to +70	K	
29.9-33.1	10.2*	1.2	19	1.45	2	1	-30 to +70	K	
30.5-31	1.62	0.8 0.9	23 21	1.20 1.25	1	1	15 to +35 -35 to +85	K	2-10-09
30-31	3.3	1.1	20	1.35	2	1	-30 to +70	K	
30-32	6.45*	1.1	21	1.35	2	1	-30 to +70	K	p
30-34	12.5*	1.1	18	1.35	2	1	-10 to +50	K	
31-33	6.3*	1.2	20	1.35	1	1	-30 to +70	K	E 11/17/08
31-33	6.3*	1.2	20	1.35	2	2	-30 to +70	K	E 2/14/08

RI-17-40-Kx-1WR-Generic-b

Specifications may be subject to change

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**Coaxial Isolator, 17-40 GHz, Split Bands, 5% Bandwidth Standard
(>5% Bandwidth Special), K (2.9) mm Connector, 1Watts
RI-f1-f2-Kx-1WR-b**

Specifications: Frequency GHz	Bandwidth %	Insertion loss dB (max)	Isolation dB (min)	VSWR :1	Power Fwd Watts	Power Rev Watts	Temp °C	Conne ctor	
31-34	9.23*	1.1	18	1.35	10	1	-10 to +50	K	p
31.5-33.0	4.7	1.1	20	1.35	2	2	-30 to +70	K	
32-36	11.8*	1.1	18	1.35	10	1	-10 to +50	K	
33-35	5.88*	1.1	18	1.35	10	2	-10 to +50	K	p
34-36	5.7*	1.2	20	1.40	1	1	-30 to +70	K	
34-35	2.9	1.2	18	1.45	2	1	-30 to +70	K	p
34.5-35.5	2.86	1.2	18	1.45	2	1	-30 to +70	K	
34.5-35.5	2.86	1.2	20	1.40	10	2	-30 to +65	K	
35.3-36.2	2.5	1.2	18	1.45	2	1	-30 to +70	K	
36.15-36.35	0.6	1.0	20	1.25	1	1	-20 to +55	K	
37-40	7.8*	1.3	18	1.45	2	2	-30 to +70	K	
39-41	5.0	1.6	18	1.50	1	1	-30 to +65	2.4	