

# RADITEK INC.

## FILTER CAPABILITIES

**RADITEK** offers small T/R (Transmit / Receive) spacing and high isolation assemblies in compact size for Ka Band applications. Other frequency bands and configurations are also available. Up to 4-port OMT design, Transmit / Receive Reject Filter, Coupler Hybrid, and other different configurations are also available upon

### ➤ Cavity

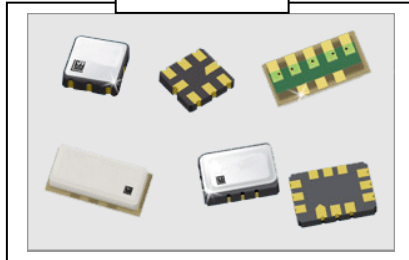
#### Wi-Max



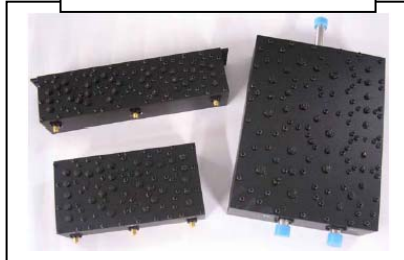
### ➤ COMBLINE



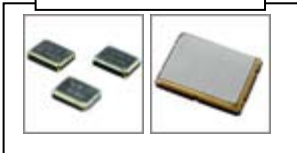
### ➤ SA



### ➤ DUPLEXERS



### ➤ Crystals



### ➤ Ceramic



### ➤ Switch



### ➤ High Pass



### ➤ Miniature High Pass



# RADITEK Connectors

## Series Adapters

2.92mm (K-Style) DC-40GHz (Mode free)

2.40mm DC-50GHz (Mode free)

Between Series Adapters:-



Female to Female Male to Male Male to Female



Female to Female Male to Male Male to Female

SMA DC-27GHz / 2.40mm DC-50GHz

Type N DC-20GHz



Female to Female Male to Male Male to Female



Female to Female Male to Male Male to Female

DC-20GHz  
N/2.40mm  
N/2.92mm  
N/3.50mm

DC-18GHz

Type N/SMA



## Connector Bulkhead: 2-Hole / 4 Hole Flange / Field Replaceable

2.92mm Connectors DC-40GHz  
VSWR:DC~18GHz-----1.10:1 (Max)  
18GHz~27GHz----1.15:1(Max)

2.40mm Connectors DC-50GHz  
VSWR:DC~18GHz-----1.09:1 (Max)  
18GHz~50GHz----1.15:1(Max)



SMA Connectors DC-27GHz  
VSWR:DC~18GHz-----1.10:1 (Max)  
18GHz~27GHz----1.15:1 (Max)

## Attenuators: SMA / N Type, DC-18 GHz 1-50Watts

### Low Insertion Loss and VSWR

SMA Attenuation	Frequency (GHz)	Power (Avg. / peak)	V.S.W.R (Max)
1,2,3,4,5,6,7,8,9,10	DC ~ 18	1w / 2w	1.20~1.25 : 1
15, 20, 30 dB	DC ~ 18	1,2,25&50w	1.20~1.25 : 1

N Attenuation	Frequency (GHz)	Power (Avg. / peak)	V.S.W.R (Max)
1, 2, 5, 10, 20, 30 dB	DC ~ 18	5,10,25&50w	1.20~1.25 : 1



## Assorted Connectors

Type N

SMA

SMB

BNC

TNC

SMC



## Terminations

SMA

Type N

Type N

BNC

Type N / 7/16 7/16 DIN



**Lowest cost in high volume!**

**Give us your custom, volume requirements for best possible pricing!**