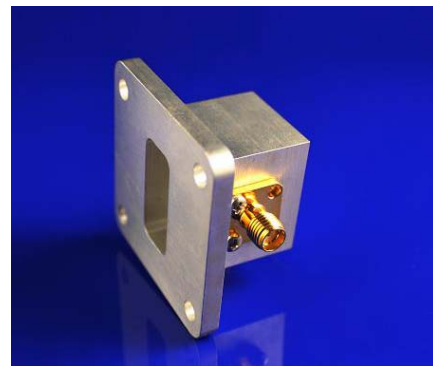


Deewave Electronics offers a line of Waveguide-Coaxial Adaptors with SMA, N, 2.92mm(K), 2.4mm connectors available in several waveguide bands. These adaptors are especially designed for full waveguide band operation with exceptional high performance. The adaptors are ideal choices where a waveguide to coaxial transition is required.

If you want more custom adaptors for your specifications, please contact us.



## Commercial Series

Part Number	Frequency Range (GHz)	Insertion Loss (dB Max)	VSWR (Max)	Operating Temperature (°C)	Waveguide Type	Connector type	Direction	Package Code
DWCA137SF	5.7-6.7	0.10	1.20	-40~+85	WR137	SMAF	180°	G01
DWCA112SFL	7.05-10	0.10	1.20	-40~+85	WR112	SMAF	90°	G02
DWCA112SF	9-10	0.10	1.20	-40~+85	WR112	SMAF	180°	G03
DWCA90SF	10-11	0.10	1.20	-40~+85	WR90	SMAF	180°	G04
DWCA90SFL	8.2-12.4	0.10	1.20	-40~+85	WR90	SMAF	90°	G05
DWCA75SF	10.5-11.5	0.10	1.20	-40~+85	WR75	SMAF	180°	G06
DWCA75SFL	10-15	0.10	1.20	-40~+85	WR75	SMAF	90°	G07
DWCA62SFL	12-18	0.10	1.20	-40~+85	WR62	SMAF	90°	G08
DWCA42SFL	18-26	0.10	1.20	-40~+85	WR42	SMAF	90°	G09

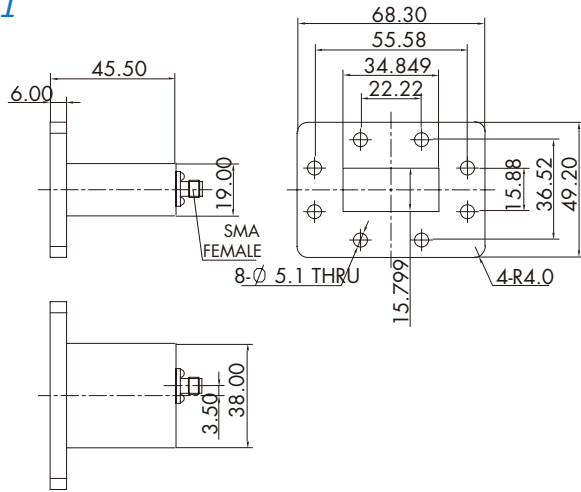
## Select-A-Frequency (Customerized)

Part Number	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB Max)	VSWR (Max)	Operating Temperature (°C)	Size L*W*H (mm)	Waveguide Type	Connector type
DWCA112SNC	7.7-8.5	1000	0.10	1.20	-40~+85	35*48*48	WR112	SMA/N
		2000	0.10	1.25	-40~+85			
DWCA90SC	8.8-12.0	1000	0.10	1.20	-40~+85	25*42*42	WR90	SMA
		2000	0.10	1.25	-40~+85			
DWCA75SC	10.5-16.0	1000	0.10	1.20	-40~+85	25*38*38	WR75	SMA
		2000	0.10	1.25	-40~+85			
DWCA65SC	12.7-18.0	1000	0.10	1.20	-40~+85	20*33*33	WR62	SMA
		2000	0.10	1.25	-40~+85			

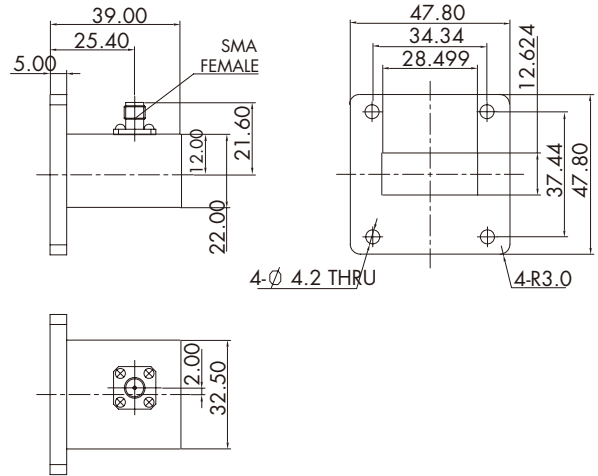
Note: All the specs above are at room temperature.

## Package Drawing

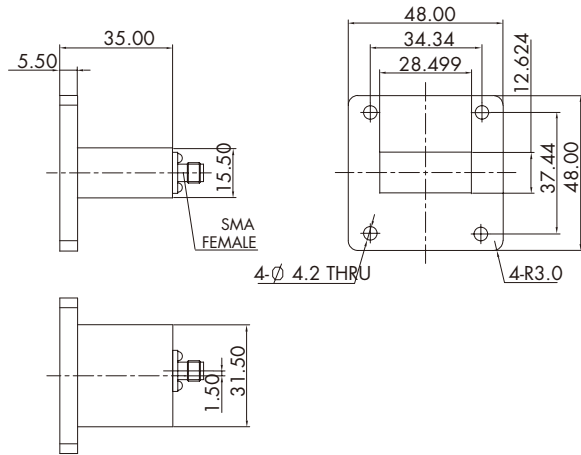
### G01



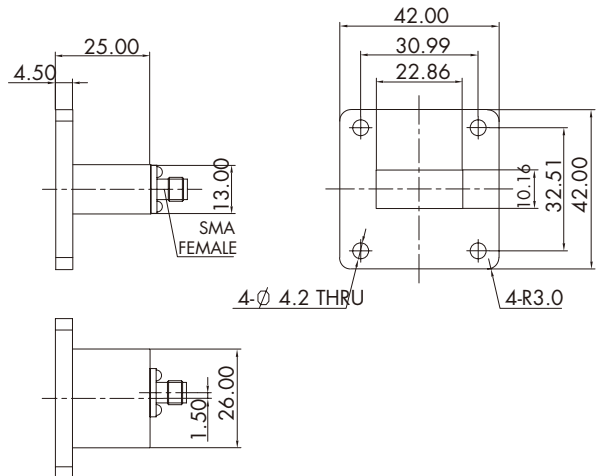
### G02



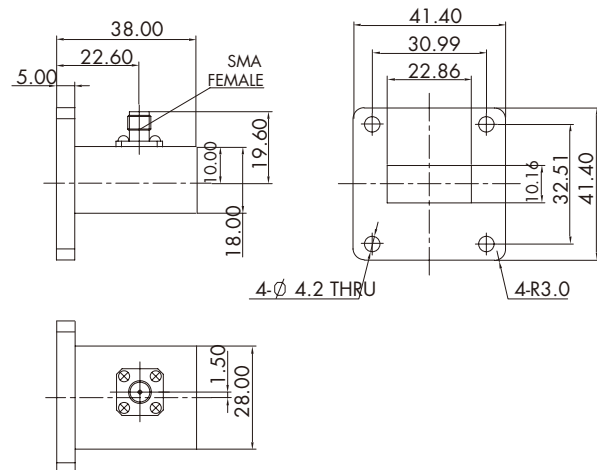
### G03



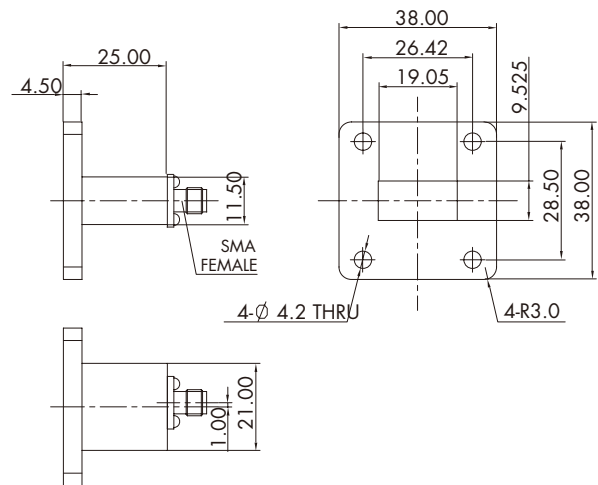
### G04



### G05



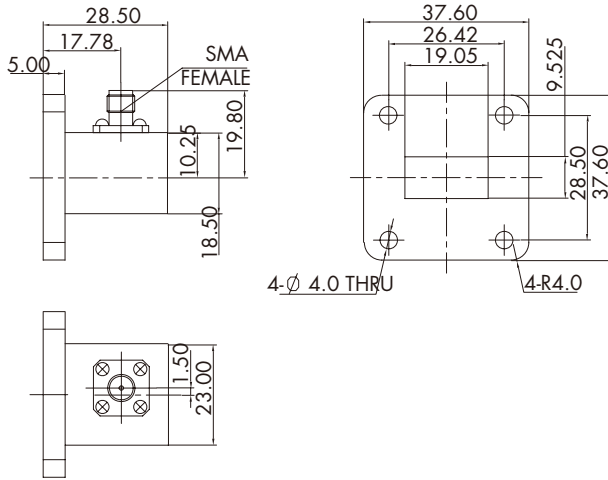
### G06



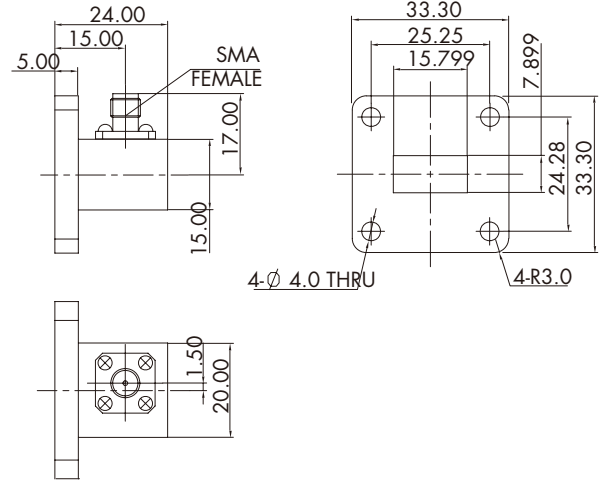
Note: All dimensions are in mm.

## Package Drawing

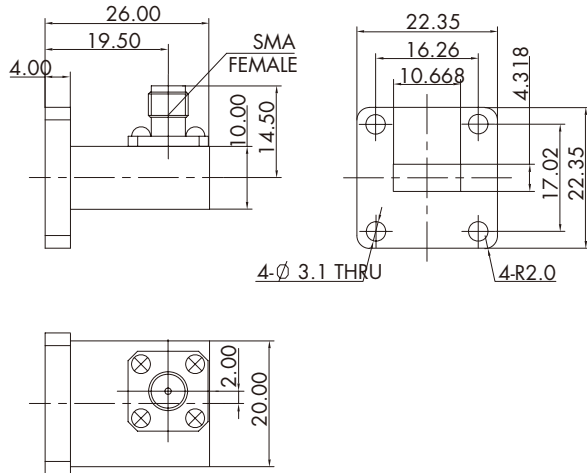
### G07



### G08



### G09



Note: All dimensions are in mm.