



## WAVEGUIDE PRODUCT CATALOGUE



### FLEXIBLE/TWISTABLE RECTANGULAR WAVEGUIDE

**TYPE:** WF-BRA70 /WF-BRA84/WF-BRA100

**FLEXIBLE AND TWISTABLE**

**OPERATING TEMPERATURE:** -40 TO +75C

**STORAGE TEMPERATURE:** -55 TO +85C

**PRICE:**



### RF HIGH POWER CIRCULATOR AND ISOLATOR

**CONNECTOR TYPE:** N

**INSERTION LOSS (MAX):** 0.4 TO 0.60

**VSWR (MAX):** 1.25 TO 1.35

**OPERATING TEMPERATURE:** -30 TO +70 C

**PRICE:**



### COPPER RECTANGULAR WAVEGUIDE WR-137 MICROWAVE RECTANGULAR STRAIGHT WAVEGUIDE

**BASE MATERIAL:** COPPER

**DIMENSION (HXWxD):** 220 X 68.3 X 49.2 MM

**OPERATING TEMPERATURE:** -40 TO +70 C

**FREQUENCY RANGE:** 5.38 TO 8.17 GHz

**PRICE:**



### HIGH QUALITY WAVEGUIDE ARC BEND MICROWAVE MILLIMETER WAVEGUIDE MULTIPLE BEND

**FREQUENCY RANGE:** 1.1 TO 173 GHz

**VSWR:**  $\leq 1.06$

**PEAK POWER (KW):** 500

**OPERATING TEMPERATURE:** -65 TO +85

**PRICE:**



### TWIST WAVEGUIDE PROFESSIONAL MANUFACTURE DIFFERENT MODELS OF WAVEGUIDE TWIST

**FREQUENCY RANGE:** 1.1 TO 173 GHz

**VSWR:**  $\leq 1.06$

**PEAK POWER (KW):** 500

**OPERATING TEMPERATURE:** -65 TO +85

**PRICE:**



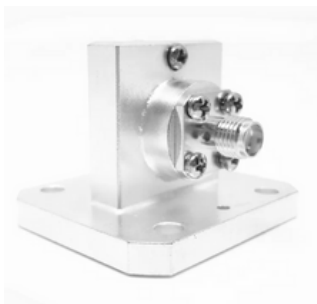
### RECTANGULAR TO CIRCULAR WAVEGUIDE TRANSITION HOT SALES RECTANGULAR TO CIRCULAR WAVEGUIDE TRANSITION FOR MICROWAVE EQUIPMENT

**VSWR:** 1.15

**FREQUENCY RANGE:** 1.45 TO 60 GHz

**LENGTH:** DEPENDS ON WAVEGUIDE

**PRICE:**



### OEM WAVEGUIDE TO COAXIAL SUPPLY TRANSITION WAVEGUIDE TO COAXIAL ADAPTER RIGHT ANGLE END LAUNCH

**VSWR:** 1.15 - 1.3

**FREQUENCY RANGE:** 8.15 - 22.0 GHz

**PRICE:**



### WAVEGUIDE VARIABLE ATTENUATOR HIGH QUALITY WAVEGUIDE COMPONENTS WAVEGUIDE VARIABLE ATTENUATOR

**VSWR:** 1.15 - 1.2

**ATTENUATION:** 30DBI

**FREQUENCY RANGE:** 18 - 170 GHz (depending on the waveguide)

**PRICE:**



### LOW POWER HIGH POWER WAVEGUIDE CIRCULATOR CHEAP PRICE DIFFERENT POWER WAVEGUIDE CIRCULATOR

**VSWR:** 1.2 - 1.3

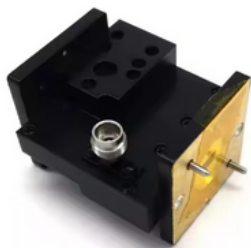
**FREQUENCY RANGE:** 5.38 - 112 GHz  
DEPENDS ON WAVEGUIDE

**MIN ISO:** 20 DB

**PRICE:**



## WAVEGUIDE PRODUCT CATALOGUE



### LOW/HIGH POWER WAVEGUIDE ISOLATOR

**FREQUENCY RANGE :** 19.2 - 21.2 GHZ  
**VSWR :**  $\leq 1.3$   
**INSERTION LOSS :**  $\leq 0.6$  DB

PRICE :



### WAVEGUIDE HIGH POWER TERMINATION

**FREQUENCY RANGE :** 3.22 - 22.0 GHZ  
**VSWR :**  $\leq 1.15$   
**POWER PEAK (KW) :** 500

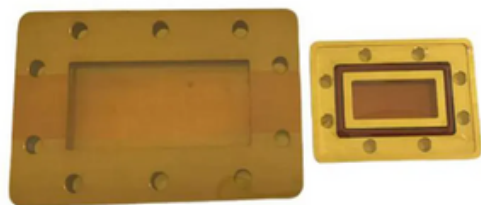
PRICE :



### ELLIPTICAL WAVEGUIDES FACTORY WHOLESALE HIGH PERFORMANCE ELLIPTICAL WAVEGUIDES

**MATERIAL :** COPPER  
**POWER PEAK (KW) :** 7 - 550  
**VSWR :** 1.15 - 1.25

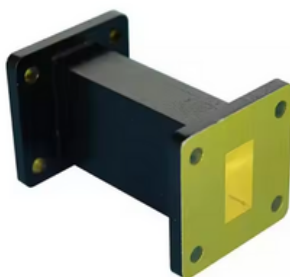
PRICE :



### WAVEGUIDE PRESSURE WINDOW

**VSWR :** 1.2 - 1.3  
**FLANGE :** FDP/FDM/FBP/FBM/FBE/FUGP  
**BAND :** DEPENDS ON WAVEGUIDE  
**WR :** 10/12/15/19/22,ETC...

PRICE :



### WAVEGUIDE FILTER

**CENTER FREQUENCY :** 14.25 GHZ  
**BANDWIDTH :** 500  
**OPERATING TEMPERATURE :** - 55 TO +80 C  
**INSERTION LOSS :**  $\leq 0.45$  DB

PRICE :



### WAVEGUIDE DIPLEXER

**VSWR :**  $\leq 1.3$   
**POWER CAPACITY :** 2KW  
**FREQUENCY :** RX: X BAND WITH 2050M  
BANDWIDTH  
TX: KU BAND WITH 750M BANDWIDTH

PRICE :



### WAVEGUIDE TUBE

**VSWR :**  $\leq 1.03$   
**FREQUENCY :** 1.1 173 GHZ  
**OPERATING TEMPERATURE :** -55 TO +85 C  
**INSERTION LOSS :** 0.15 DB

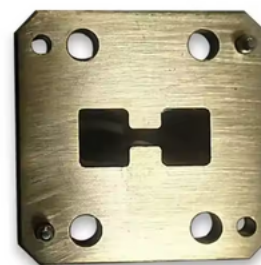
PRICE :



### BRB SERIES SEAMLESS WAVEGUIDE MICROWAVE WAVEGUIDE FLEXIBLE CUSTOMIZED

**VSWR :** 1.1- 1.3  
**PEAK POWER :** 20 KW  
**ATTENUATION :** 0.12 - 2.40

PRICE :



### HIGH QUALITY WRD650 DOUBLE RIDGED WAVEGUIDE

**TYPE :** WRD650  
**FREQUENCY RANGE :** 15.5 - 18.0 GHZ  
**VSWR :** 1.3  
**PEAK POWER :** 0.3 KW

PRICE :



## WAVEGUIDE PRODUCT CATALOGUE



### RECTANGULAR TO CIRCULAR WAVEGUIDE TRANSITION

**FREQUENCY RANGE :** 1.7 TO 50 GHZ  
**AVERAGE POWER :** 50 - 100 KW  
**TEMPERATURE RANGE :** -55 TO + 85 C  
**VSWR :** 1.2 - 1.25

**PRICE :**



### RECTANGULAR STRAIGHT WAVEGUIDE

**VSWR :** 1.05 1.1  
**FLANGE :** FDP/FDM/FBP/FBM/FBE/FUGP  
**MATERIAL :** ALUMINUM, COPPER

**PRICE :**



### WAVEGUIDE ARC BEND

**MATERIAL :** ALUMINUM, COPPER  
**COLOUR :** SILVER  
**VSWR :** 1.10 - 1.20

**PRICE :**



### WAVEGUIDE LOW POWER TERMINATION

**VSWR :** 1.03 - 1.05  
**AVERAGE POWER :** 2 W  
**FLANGE :** FDP/FDM/FBP/FBM/FBE  
**MATERIAL :** ALUMINUM, COPPER

**PRICE :**



### CROSSGUIDE DIRECTIONAL COUPLER 3 WAVEGUIDE PORTS

**MATERIAL :** ALUMINUM, COPPER  
**COUPLING :** 18 - 60 DB  
**OPERATING BANDWIDTH % :** 10 - 20  
**VSMR :** 1.10

**PRICE :**



### CROSSGUIDE DIRECTIONAL COUPLER 2 WAVEGUIDE PORTS 1 COAX PORT

**OPERATING BANDWIDTH % :** 10 - 20  
**MATERIAL :** ALUMINUM, COPPER  
**OPERATING BANDWIDTH % :** 10 - 20

**PRICE :**



### BROADWALL DIRECTIONAL COUPLER WITH 4 OR 3 WAVEGUIDE PORTS

**FLANGE :** FDP/FDM/FBP/FBM/FBE  
**COUPLING :** 3 - 40 DB  
**MATERIAL :** ALUMINUM, COPPER

**PRICE :**



### WAVEGUIDE TEE

**FREQUENCY RANGE :** 0.3 TO 117 GHZ  
**FLANGE :** FDP/FDM/FBP/FBM/FBE  
**MATERIAL :** ALUMINUM, COPPER

**PRICE :**



### WAVEGUIDE TEE H- PLANE TEE

**FREQUENCY RANGE :** 0.32 TO 112 GHZ  
**FLANGE :** FDP/FDM/FBP/FBM/FBE  
**MATERIAL :** ALUMINUM, COPPER

**PRICE :**



## WAVEGUIDE PRODUCT CATALOGUE



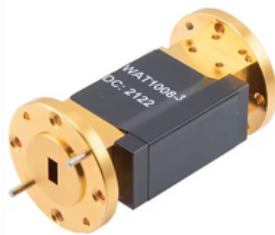
### WAVEGUIDE SINGLE CHANNEL ROTARY JOINT

**FREQUENCY RANGE :** 2.60 TO 40 GHZ

**OPERATING BANDWIDTH :** 200 - 2000 MHZ

**VSWR WOW :** 0.05

**PRICE :**



### WAVEGUIDE FIXED ATTENUATOR

**FREQUENCY RANGE :** 1.13 TO 40

**VSWR :** .115 - 1.20

**POWER :** 2 W

**PRICE :**



### WAVEGUIDE HIGH POWER TERMINATION

**FREQUENCY RANGE :** 0.32 TO 112 GHZ

**VSWR :** .60

**MATERIAL :** ALUMINUM, COPPER

**PRICE :**



### WAVEGUIDE TUBE

**MATERIAL :** ALUMINUM, COPPER

**FREQUENCY RANGE :** 0.32 TO 112 GHZ

**PRICE :**



### WAVEGUIDE FIXED ATTENUATOR

**FREQUENCY RANGE :** 0.03 - 100 GHZ

**GAIN (MIN) :** 19 - 32

**GAIN FLATNESS :**  $\pm$  0.4 - 4 DB

**PRICE :**



### WAVEGUIDE TUBE ALUMINUM HIGH QUALITY WR 340 STRAIGHT WAVEGUIDE TUBE MATERIAL BRASS COPPER

**FREQUENCY RANGE :** 2.17 - 3.3 GHZ

**ATTENUATION (MAX) :** 0.027 DBM

**POWER RATING (CW) :** 5.4 MW

**PRICE :**



### MICROWAVE FLEXIBLE TWISTABLE WAVEGUIDE

**FREQUENCY RANGE :** 10-15 GHZ

**VSWR (MAX) :** 1.2

**POWER HANDLING :** 750 W (CW)

**INSERTION LOSS (MAX) :** 0.75 DBM

**PRICE :**



### WAVEGUIDE TO COAXIAL ADAPTER

**CONNECTOR TYPE :** SMA FEMALE

**FREQUENCY RANGE :** 9.84 - 15 GHZ

**VSWR (MAX) :** 1.2

**POWER HANDLING (W) :** 20 W (CW)

**PRICE :**



### WAVEGUIDE TO COAXIAL ADAPTER N TYPE

**FREQUENCY RANGE :** 2.17 - 3.3 GHZ

**VSWR (MAX) :** 1.15

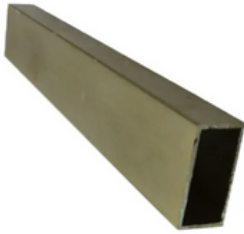
**TEMPERATURE RANGE :** -55 TO + 85 C

**POWER HANDLING (W) :** 100 W (CW) 3KW (PEAK)

**PRICE :**



## WAVEGUIDE PRODUCT CATALOGUE



### WAVEGUIDE TUBE ALUMINUM HIGH QUALITY WR 284 STRAIGHT WAVEGUIDE TUBE MATERIAL BRASS COPPER

**FREQUENCY RANGE :** 2.6 - 3.95 GHZ  
**ATTENUATION :** 0.037 DBM  
**POWER RATING :** 5 MW (CM)

**PRICE :**



### WR42 TO WR34 RECTANGULAR TO RECTANGULAR WAVEGUIDE TRANSITION

**FREQUENCY RANGE :** 1.45 - 60.0 GHZ  
**VSWR (MAX) :** 1.15 - 1.25  
**MATERIAL :** ALUMINUM, COPPER

**PRICE :**



### WAVEGUIDE LOW POWER TERMINATION

**FREQUENCY RANGE :** 0.96 - 1.46 GHZ  
**VSWR :** 1.05  
**POWER HANDLING :** 10 W

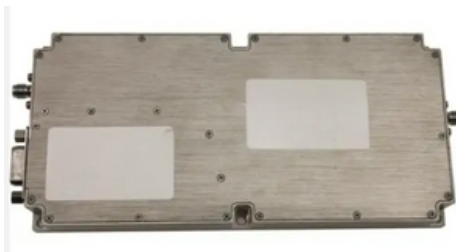
**PRICE :**



### RF SHIELD BOX

**FREQUENCY RANGE :** 2.6 - 3.95 GHZ  
**SHIELDING ISOLATION :** 800 MHZ - 7.5 GHZ > 70 DB  
**SHIELDING MATERIAL :** MICROWAVE ABSORBER

**PRICE :**



### FREQUENCY RANGE 5150-5350MHZ 50W WIDEBAND POWER AMPLIFIERS

**FREQUENCY RANGE :** 5.15 - 5.35 GHZ  
**RF POWER OUTPUT (CW) :** 47  
**GAIN :** 47 - 50 DB

**PRICE :**



### 20W RF CAVITY DUPLEXER

**FREQUENCY RANGE :** 1710- 1785 MHZ  
**IMPEDANCE :** 50 OHM  
**POWER :** 20 W

**PRICE :**



### WR62 FLEXIBLE WAVEGUIDE

**FREQUENCY RANGE :** 12.4 - 18 GHZ  
**VSWR (MAX) :** 1.15  
**ATTENUATION :** 0.06 DBM  
**POWER HANDLING :** 400W (CW)

**PRICE :**



### WR90 FLEXIBLE WAVEGUIDE

**FREQUENCY RANGE :** 8.2 - 12.4 GHZ  
**VSWR (MAX) :** 1.20  
**POWER RATING :** 90W (CW)

**PRICE :**



### RECTANGULAR WAVEGUIDE WR650 WAVEGUIDE TO COAXIAL

**FREQUENCY RANGE :** 1.13 - 1.73 GHZ  
**MAX VSWR :** 1.25:1  
**TEMPERATURE RANGE :** -40 TO + 70 C

**PRICE :**





## WAVEGUIDE PRODUCT CATALOGUE



### WAVEGUIDE FIXED ATTENUATOR RECTANGULAR WAVEGUIDE WR90

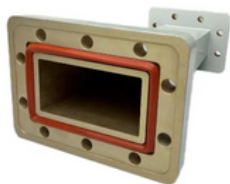
**FREQUENCY RANGE :** 8.2 - 12.5 GHZ

**VSWR (MAX) :** 1.15:1

**ATTENUATION DB :** 30DB

**TEMPERATURE RANGE :** -40 ~ + 70 C

**PRICE :**



### WAVEGUIDE TRANSITION WR229-WR187

**FREQUENCY RANGE :** 3.94 - 4.90GHZ

**VSWR (MAX) :** 1.15

**MATERIAL :** ALUMINUM

**FLANGE :** FDP40/FDP48 COVER

**PRICE :**



### WAVEGUIDE TO COAXIAL ADAPTER WR42

**FREQUENCY RANGE :** 17.6 - 26.7 GHZ

**VSWR (MAX) :** 1.25:1

**TEMPERATURE RANGE :** -40 ~ + 70 C

**INSERTION LOSS (MAX) :** 0.3 DB

**PRICE :**



### WAVEGUIDE TO COAXIAL ADAPTER WR28

**FREQUENCY RANGE :** 26.5 - 40 GHZ

**VSWR (MAX) :** 1.25:1

**INSERTION LOSS (MAX) :** 0.35 DB

**TEMPERATURE RANGE :** -40 ~ + 70 C

**PRICE :**



### WAVEGUIDE TO COAXIAL ADAPTER WR34

**FREQUENCY RANGE :** 21.7 - 33 GHZ

**INSERTION LOSS (MAX) :** 0.3 DB

**VSWR (MAX) :** 1.20:1

**TEMPERATURE RANGE :** -40 ~ + 70 C

**PRICE :**



### WAVEGUIDE TO COAXIAL ADAPTER WR22

**FREQUENCY RANGE :** 32.9 - 50.1GHZ

**VSWR (MAX) :** 1.35:1

**INSERTION LOSS (MAX) :** 0.5 DB

**TEMPERATURE RANGE :** -40 ~ + 70 C

**PRICE :**



### WR75 FLEXIBLE WAVEGUIDE

**FREQUENCY RANGE :** 10- 15 GHZ

**VSWR (MAX) :** 1.2

**INSERTION LOSS (MAX) :** 0.74 DB/M

**POWER HANDLING :** 750 W (CW)

**PRICE :**



### COPPER RECTANGULAR WAVEGUIDE WR137

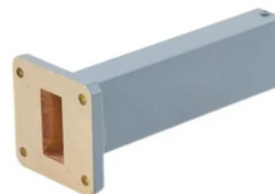
**FREQUENCY RANGE :** 5.38 - 8.17 GHZ

**VSWR (MAX) :** 1.10:1

**INSERTION LOSS (MAX) :** 0.2 DB

**TEMPERATURE RANGE :** -40 ~ + 70 C

**PRICE :**



### WAVEGUIDE LOW POWER TERMINATION WR112

**FREQUENCY RANGE :** 6.57 - 9.99 GHZ

**VSWR (MAX) :** 1.05:1

**MATERIAL :** ALUMINUM

**FLANGE :** FBP84 COVER

**PRICE :**



## WAVEGUIDE PRODUCT CATALOGUE



### WAVEGUIDE SINGLE CHANNEL ROTARY JOINT L-STYLE WR28

**FREQUENCY RANGE :** 29-31 GHZ  
**POWER HANDLING :** 300 W (CW)  
**VSWR (MAX) :** 1.2  
**TEMPERATURE RANGE :** -40 ~ + 70 C

**PRICE :**



### WR137 CIRCULAR STRAIGHT WAVEGUIDE WR 137

**FREQUENCY RANGE :** 5.38-7.27 GHZ  
**VSWR (MAX) :** 1.15  
**INSERTION LOSS (MAX) :** 0.2 DB

**PRICE :**



### WAVEGUIDE HIGH POWER ATTENUATOR RECTANGULAR WAVEGUIDE WR-34

**FREQUENCY RANGE :** 21.7- 33 GHZ  
**VSWR (MAX) :** 1.25:1  
**POWER HANDLING :** 100 W (CW)

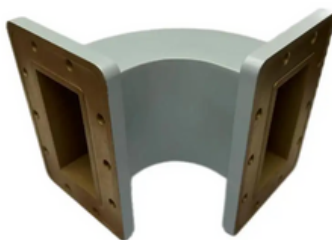
**PRICE :**



### WR-340 ALUMINUM RECTANGULAR WAVEGUIDE

**FREQUENCY RANGE :** 2.2 - 3.3 GHZ  
**VSWR (MAX) :** 1.10  
**INSERTION LOSS (MAX) :** 0.2 DB

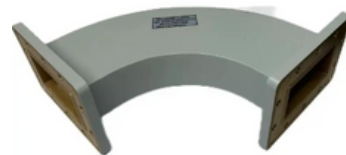
**PRICE :**



### WR-340 ALUMINUM WAVEGUIDE E-BEND

**FREQUENCY RANGE :** 2.2 - 3.3 GHZ  
**VSWR (MAX) :** 1.15  
**INSERTION LOSS (MAX) :** 0.2 DB

**PRICE :**



### WR340 ALUMINUM WAVEGUIDE H- BEND WAVEGUIDE

**FREQUENCY RANGE :** 2.2 - 3.3 GHZ  
**VSWR (MAX) :** 1.15  
**INSERTION LOSS (MAX) :** 0.2 DB

**PRICE :**



### WR75 OEM WAVEGUIDE TO COAXIAL SUPPLY TRANSITION

**FREQUENCY RANGE :** 10.0 - 15.0 GHZ  
**VSWR (MAX) :** 1.25  
**POWER HANDLING :** 5 W (CW)  
**CONNECTOR TYPE :** SMA FEMALE

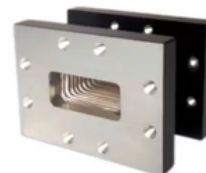
**PRICE :**



### WR90 BJ100 FLEXIBLE 180 E BEND

**FREQUENCY RANGE :** 10.0 - 10.25 GHZ  
**VSWR (MAX) :** 1.25  
**INSERTION LOSS (MAX) :** 0.2 DB  
**POWER HANDLING :** 2KW (CW)

**PRICE :**



### WR75 FLEXIBLE WAVEGUIDE

**FREQUENCY RANGE :** 10.0 - 10.25 GHZ  
**VSWR (MAX) :** 1.10  
**INSERTION LOSS (MAX) :** 0.15 DB  
**POWER HANDLING :** 4KW (CW)

**PRICE :**



## WAVEGUIDE PRODUCT CATALOGUE



### WR112 BJ84 FLEXIBLE WAVEGUIDE

**FREQUENCY RANGE :** 10.0 - 10.25 GHZ

**INSERTION LOSS (MAX) :** 0.1 DB

**POWER HANDLING :** 2KW (CW)

**VSWR (MAX) :**  $\leq 1.1$

**PRICE :**



### HIGH POWER WR90 TERMINATION

**FREQUENCY RANGE :** 8.2 - 12.5 GHZ

**VSWR (MAX) :** 1.25

**POWER HANDLING :** 250 W (CW)

**PRICE :**





## COAXIAL CATALOGUE



### 6GHZ 2W RF ATTENUATORS SMA 20DB

**FREQUENCY RANGE :** DC - 6 GHZ  
**ATTENUATION :** 20 DB  
**OPERATING TEMPERATURE:** -55 ~ +125C  
**POWER OPERATING RATE :** 2W (CW)

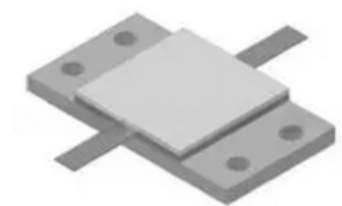
**PRICE :**



### FLANGE MOUNT ATTENUATORS

**FREQUENCY RANGE :** DC - 3 GHZ  
**POWER RATING :** 100W  
**VSWR (MAX) :** 1.20.1

**PRICE :**



### FLANGE MOUNT ATTENUATORS

**FREQUENCY RANGE :** DC - 1 GHz  
**ATTENUATION VALUE :** 1-30 DB  
**VSWR (MAX) :** 1.20.1  
**POWER RATING :** 400W

**PRICE :**



### COAXIAL CONNECTOR MALE TO N FEMALE

**FREQUENCY RANGE :** DC - 12.4 GHz  
**IMPEDANCE :** 50 OHM  
**WORKING VOLTAGE :** 335 V MAX  
**OPERATING TEMPERATURE :** -65 TO +165

**PRICE :**



### COAXIAL CABLE RG6 RG12

**TYPE :** MULTIMODE  
**JACK :** PVC  
**CONDUCTOR MATERIAL :** BARE COPPER

**PRICE :**



### HIGH PERFORMANCE MALE FEMALE TO N TYPE SMA CABLE RF COAXIAL CONNECTOR

**MATERIAL :** BRASS  
**TYPE :** TERMINAL CONNECTOR  
**COLOUR :** SILVER

**PRICE :**



### RIGHT ANGLE WR 90 MICROWAVE WAVEGUIDE TO COAXIAL ADAPTER

**FREQUENCY RANGE :** 8.20 - 12.40 GHZ  
**VSWR :** 1.25:1  
**POWER HANDLING (MAX) :** 100W (CW)  
**OPERATING TEMPERATURE :** -40 ~ +70C

**PRICE :**



### COAXIAL TERMINATION N MALE

**FREQUENCY RANGE :** DC - 18 GHZ  
**VSWR :** 1.40  
**INPUT IMPEDANCE :** 50 OHM  
**OPERATING TEMPERATURE :** -55 ~ +125C

**PRICE :**



## ANTENNA PRODUCT CATALOGUE



### VSAT ANTENNA FOR MARINE

**FREQUENCY RANGE :** RX 12.25 - 12.75 GHZ  
TX 14.0 - 14.5 GHZ

**TEMPERATURE :** -40 ~ +65C

**CROSS POLORIZATION ISOLATION :** >35 DB

**PRICE :**



### STANDARD GAIN HORN ANTENNA WR10

**FREQUENCY RANGE :** 75 - 110 GHZ

**VSWR :** 1.5:1

**GAIN (AVG) :** 15 DB

**TEMPERATURE :** -40 ~ +65C

**PRICE :**



### STANDARD GAIN HORN ANTENNA WR34

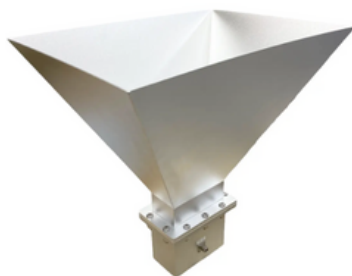
**FREQUENCY RANGE :** 27.3 - 33 GHZ

**VSWR :** 1.25

**GAIN (AVG) :** 20 DB

**MATERIAL :** COPPER

**PRICE :**



### STANDARD GAIN HORN ANTENNA WR 650

**FREQUENCY RANGE :** 1.13 - 1.73 GHZ

**VSWR :** 1.5:1

**GAIN (AVG) :** 10 DB

**IMPEDANCE :** 50 OHM

**PRICE :**



### STANDARD GAIN HORN ANTENNA WR10

**FREQUENCY RANGE :** 73.8 - 112 GHZ

**VSWR :** 1.5

**GAIN (AVG) :** 25 DB

**OPERATING TEMPERATURE :** - 40 TO +70 C

**PRICE :**



### WR12 STANDARD GAIN HORN ANTENNA

**FREQUENCY RANGE :** 60.5 - 91.9 GHZ

**VSWR :** ≈1.5

**GAIN (AVG) :** 10 DB

**OPERATING TEMPERATURE :** - 40 TO +70 C

**PRICE :**



### STANDARD GAIN HORN ANTENNA WR15

**FREQUENCY RANGE :** 49.8 - 75.8 GHZ

**VSWR :** 1.5

**GAIN (AVG) :** 14.5 DB

**POLORIZATION :** VERTICAL

**PRICE :**



### STANDARD GAIN HORN ANTENNA WR28

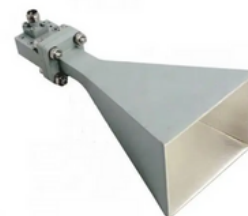
**FREQUENCY RANGE :** 26.5 - 40 GHZ

**VSWR :** 1.25

**GAIN (AVG) :** 18 DB

**INPUT POWER (MAX) :** 200 W (CW)

**PRICE :**



### STANDARD GAIN HORN ANTENNA WR34

**FREQUENCY RANGE :** 21.7 - 33 GHZ

**VSWR :** 1.5

**GAIN WITH FLATNESS :** 25 DB

**CONNECTOR TYPE :** K2.92 FEMALE

**PRICE :**



## ANTENNA PRODUCT CATALOGUE



### STANDARD GAIN HORN ANTENNA WR62

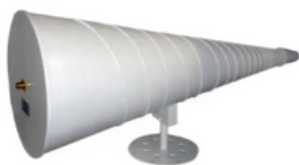
**FREQUENCY RANGE :** 11.9 TO 18 GHZ

**GAIN (AVG) :** 20 DB

**VSWR :** 1.5

**CONNECTOR :** SMA FEMALE

**PRICE :**



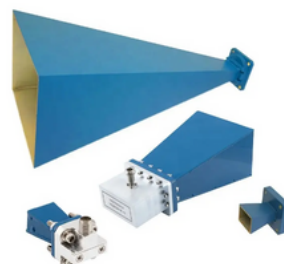
### LOG HELICAL ANTENNA

**FREQUENCY RANGE :** 0.2 - 10 AGHZ

**GAIN :** -5 TO 7 DB

**VSWR :**  $\leq 3$

**PRICE :**



### WR2300 STANDARD GAIN HORN ANTENNA

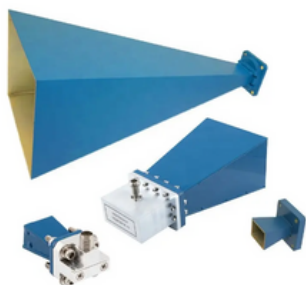
**FREQUENCY RANGE :** 0.32 - 0.49 GHZ

**GAIN :** 10 DB

**VSWR :** 1.5

**CONNECTOR :** N FEMALE

**PRICE :**



### WR2100 STANDARD GAIN HORN ANTENNA

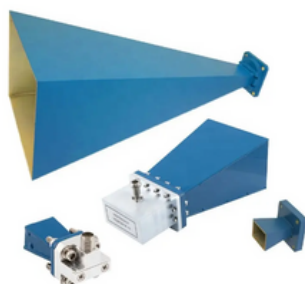
**FREQUENCY RANGE :** 0.35 - 0.63 GHZ

**VSWR :** 1.5

**AVERAGE POWER :** 2 W

**GAIN :** 10 DB

**PRICE :**



### WR1800 STANDARD GAIN HORN ANTENNA

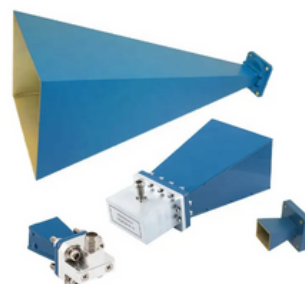
**FREQUENCY RANGE :** 0.41 - 0.62 GHZ

**VSMR :** 1.5

**GAIN :** 10 DB

**CONNECTOR :** N FEMALE

**PRICE :**



### WR1500 STANDARD GAIN HORN ANTENNA

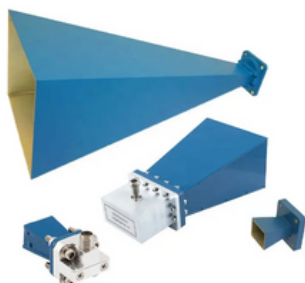
**FREQUENCY RANGE :** 0.49 - 0.75 GHZ

**VSMR :** 1.5

**GAIN :** 10 DB

**CONNECTOR :** N FEMALE

**PRICE :**



### WR1150 STANDARD GAIN HORN ANTENNA

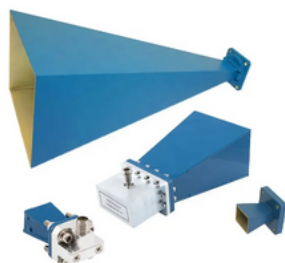
**FREQUENCY RANGE :** 0.64 - 0.98 GHZ

**VSMR :** 1.5

**GAIN :** 10 DB

**CONNECTOR :** N FEMALE

**PRICE :**



### WR1150 STANDARD GAIN HORN ANTENNA

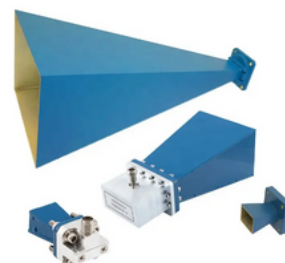
**FREQUENCY RANGE :** 0.64 - 0.98 GHZ

**VSMR :** 1.5

**GAIN :** 15 DB

**CONNECTOR :** N FEMALE

**PRICE :**



### WR975 STANDARD GAIN HORN ANTENNA

**FREQUENCY RANGE :** 0.75 - 1.15 GHZ

**VSMR :** 1.5

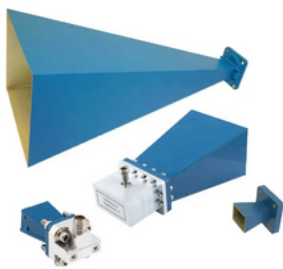
**GAIN :** 10 DB

**CONNECTOR :** N FEMALE

**PRICE :**



## ANTENNA PRODUCT CATALOGUE



### WR975 STANDARD GAIN HORN ANTENNA

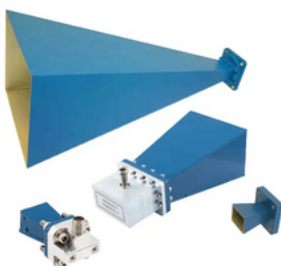
**FREQUENCY RANGE :** 0.75 - 1.15 GHZ

**VSMR :** 1.5

**GAIN :** 15 DB

**CONNECTOR :** N FEMALE

**PRICE :**



### WR770 STANDARD GAIN HORN ANTENNA

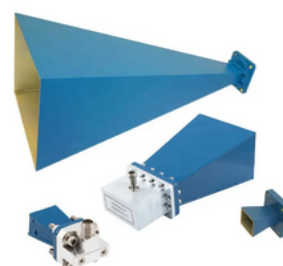
**FREQUENCY RANGE :** 0.96 - 1.46 GHZ

**VSWR :** .1.5

**GAIN :** 10 DB

**FLANGE TYPE :** FDP12(COVER)

**PRICE :**



### WR650 STANDARD GAIN HORN ANTENNA

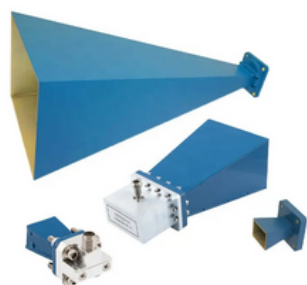
**FREQUENCY RANGE :** 1.13 TO 1.73 GHZ

**VSWR :** .1.5

**GAIN :** 10 DB

**FLANGE TYPE :** FDP14(COVER)

**PRICE :**



### WR650 STANDARD GAIN HORN ANTENNA

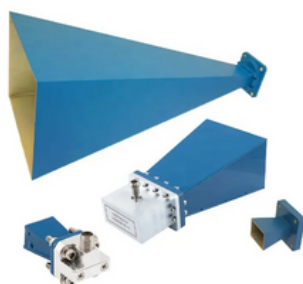
**FREQUENCY RANGE :** 0.64 - 0.98 GHZ

**VSWR :** .1.5

**GAIN :** 15 DB

**CONNECTOR :** N FEMALE

**PRICE :**



### WR510 STANDARD GAIN HORN ANTENNA

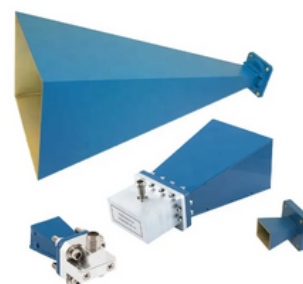
**FREQUENCY RANGE :** 1.45 - 2.2 GHZ

**VSWR :** .1.5

**GAIN :** 10 DB

**CONNECTOR :** N FEMALE

**PRICE :**



### WR510 STANDARD GAIN HORN ANTENNA

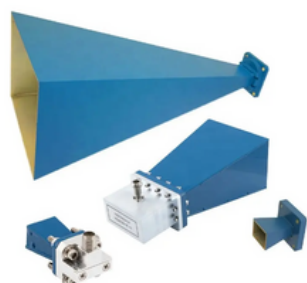
**FREQUENCY RANGE :** 1.45 - 2.2 GHZ

**VSWR :** .1.5

**GAIN :** 15 DB

**FLANGE TYEP :** FDP18(COVER)

**PRICE :**



### WR430 STANDARD GAIN HORN ANTENNA

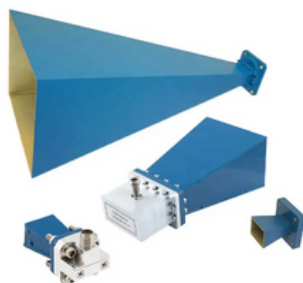
**FREQUENCY RANGE :** 1.72 - 2.61 GHZ

**VSWR (MAX) :** 1.25

**GAIN :** 10 DB

**FLANGE TYEP :** FDP22(COVER)

**PRICE :**



### WR430 STANDARD GAIN HORN ANTENNA

**FREQUENCY RANGE :** 1.72 - 2.61 GHZ

**VSWR (MAX) :** 1.5

**GAIN :** 15DB

**CONNECTOR :** N FEMALE

**PRICE :**

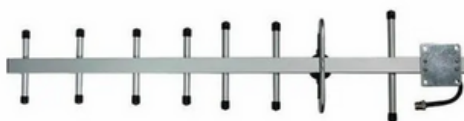
## ACTIVE COMPONENT CATALOGUE



### DIGITAL PHASE SHIFTERS

**FREQUENCY RANGE :** 0.5 - 25 GHZ  
DEPENDENT ON SERIES  
**POWER RATING :** -70 ~ 100 DB/M (MAX)  
DEPENDENT ON SERIES

**PRICE :**



### YAGI ANTENNA

**FREQUENCY RANGE :** 698-960/1710-2700 GHZ  
**VSWR (MAX) :**  $\leq 1.5$   
**GAIN :** 12 DBI  
**RADIATION :** DIRECTIONAL  
**WORKING TEMPERATURE :** -40 ~ + 65 C

**PRICE :**



### OMNIDIRECTIONAL ANTENNA

**FREQUENCY RANGE :** CUSTOMIZED GHZ  
**VSWR :**  $\leq 1.8$   
**POLORIZATION :** VERTICAL  
**IMPEDANCE :** 50Ω  
**GAIN :** 14/12/10/8/6DBI OR CUSTOMIZED

**PRICE :**



### HELICAL ANTENNA

**FREQUENCY RANGE :** 868 MHZ  
**VSWR :** 2.0 MAX  
**IMPEDANCE :** 50 OHM  
**CONNECTOR :** MALE  
**MATERIAL :** COPPER, ALUMINUM, ETC

**PRICE :**



### SLOTTED WAVEGUIDE ANTENNA

**POLORIZATION :** LINEAR  
**VSWR :** 1.5 MAX  
**GAIN :** 40 DB  
**IMPEDANCE :** 50 OHM

**PRICE :**



## CIRCULATOR PRODUCT CATALOGUE



### COAXIAL CIRCULATOR

**FREQUENCY RANGE :** 140 - 174 MHz

**ISOLATION :**  $\geq 15$  DB

**FORWARD POWER RATING :** 100W

**CONNECTOR TYPE :** SMA FEMALE

**PRICE :**



### SURFACE MOUNTING CIRCULATOR

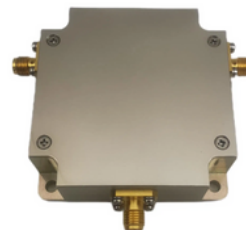
**FREQUENCY RANGE :** 930 - 960 MHz

**POWER :** 100W

**ISOLATION :** 1.2 MAX

**TEMPERATURE RANGE :** -30 ~ +75 C

**PRICE :**



### BROADBAND CIRCULATORS

**FREQUENCY RANGE :** 0.8 - 2GHz

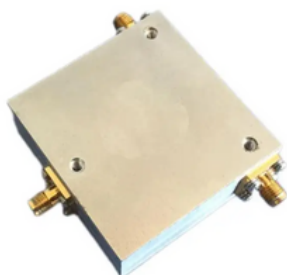
**VSWR (MAX) :**  $\leq 1.70$

**FORWARD POWER RATING :** 50W (CW)

**ISOLATION :**  $\geq 12$ DB

**CONNECTOR TYPE :** SMA FEMALE  
(GOLD PLATED BRASS)

**PRICE :**



### 1.35-2.7GHz S MA BROADBAND CIRCULATOR

**FREQUENCY RANGE :** 1.35 - 2.7 GHz

**VSWR (MAX) :**  $\leq 1.30$ @+25°C

**INSERTION LOSS (MAX) :**  $\leq 0.5$ DB@+25°C

**ISOLATION :**  $\geq 18$ DB@+25°C

**PRICE :**



### 1-2GHz COAXIAL CIRCULATOR

**ISOLATION :**  $\geq 15$ DB

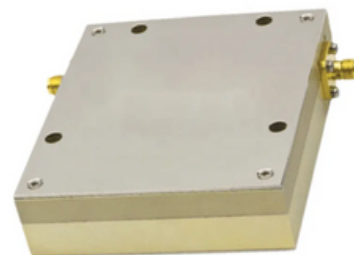
**VSWR (MAX) :** 1.4

**INSERTION LOSS (MAX) :**  $< 0.7$  DB

**TEMPERATURE RANGE :** 0 ~ + 60 C

**FORWARD POWER RATING :** 30W (CW)

**PRICE :**



### COAXIAL ISOLATOR 1-2GHz N-FEMALE

**FORWARD POWER RATING :** 30W (CW)

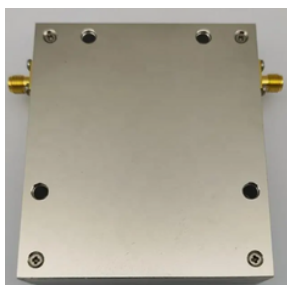
**ISOLATION :**  $\geq 16$ DB

**VSWR (MAX) :** 1.40

**REVERSE POWER :** 10W

**INSERTION LOSS (MAX) :**  $\leq 0.7$  DB

**PRICE :**



### COAXIAL ISOLATOR 1-2GHz SMA-FEMALE

**FORWARD POWER RATING :** 30W (CW)

**ISOLATION :**  $\geq 16$ DB

**VSWR (MAX) :** 1.40

**REVERSE POWER :** 10W

**INSERTION LOSS (MAX) :**  $\leq 0.7$  DB

**PRICE :**



### COAXIAL CIRCULATOR 2-6GHz N-FEMALE

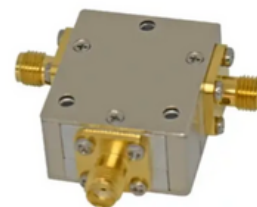
**FORWARD POWER RATING :** 20W (CW)

**VSWR (MAX) :**  $\leq 1.45$

**ISOLATION :**  $\geq 15$  DB

**INSERTION LOSS :**  $\leq 0.8$ DB

**PRICE :**



### COAXIAL CIRCULATOR 2-6GHz SMA-FEMALE

**FORWARD POWER RATING :** 50W (CW)

**VSWR (MAX) :**  $\leq 1.45$

**ISOLATION :**  $\geq 15$  DB

**INSERTION LOSS :**  $\leq 0.7$ DB

**PRICE :**



