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## ORDERING INFORMATION

### EXAMPLE - FLEXIBLE WAVEGUIDE ASSEMBLY

**MTPS284CHN120BS** is a straight WR284 Flexible/Twistable waveguide assembly with silver-plated flex, choke to plate flange combination, with a molded neoprene jacket, 120 inches long with brass flanges silver plated.

### EXAMPLE - RIGID WAVEGUIDE ASSEMBLY

**MRH112CHP144A** is a straight WR112 rigid waveguide assembly, with choke and plate flanges, painted, length of 144 inches, with aluminum flanges, chromate finish.

### EXAMPLE - RIGID WAVEGUIDE BEND ASSEMBLY

Bends are specified by placing the Degree of the bend and the Plane (E or H) in the fourth grouping of letters. Leg symmetry is specified in the last grouping. For bend assemblies with uneven leg symmetry and flange combinations, flange type on each leg must be specified on the order.

**MRC 62 HH 90E 12 x 6BS** is a WR62 rigid waveguide bend assembly, OFHC copper, plate to plate flange combination, 90 degree E-plane bend with a leg symmetry of 12 inches center-line to flange face by 6 inches center-line to flange face, with brass flanges, silver plated. Flange type on each leg shall be specified on order.

### EXAMPLE - RIGID WAVEGUIDE TWIST

Twists are specified by placing the Degree of twist, the letter "T", and the Direction of the twist (CW = clockwise, CCW = counter-clockwise) in the fourth grouping of letters. Overall length is specified in the last grouping of letters.

**MRF137GG 45TCW 6B** is a straight WR137 rigid waveguide assembly, commercial bronze, CPRG flanges at both ends, 45 degree twist in the clockwise direction, 6 inches long, with brass flanges. Chromate finish.

***SEE FOLLOWING PAGES FOR DETAIL ORDERING***

**\*\*\*\*\*If you have any special request when ordering any of Microtech's product's. Please contact the factory and we will be happy to help you.**

**ORDERING INFORMATION**  
**EXAMPLE: FLEX-WAVEGUIDE ASSEMBLY**  
**MTPS284CHN12BT**

*Is a WR284 Flex/Twist waveguide assy.  
with silver-plated flex, choke/plate flange,  
molded neoprene jacket, 12 in. long, brass flange, Tin finish*

**MTPS 284 CH N 12 BT**

**Waveguide Type**

<b>FLEXIBLE</b>
MTPS-FLEXIBLE/TWISTABLE
MCKS-FLEX/NON-TWISTABLE
MSB-SEAMLESS FLEXIBLE- BRASS
MSD-SEAMLESS FLEXIBLE-BERYLLIUM COPPER
MTES-EXTRA FLEXIBLE/TWISTABLE-BRASS
MSN SEAMLESS ELECTROFORMED
MSP SEAMLESS-PHOSPHOR BRONZE
<b>S- Following waveguide type Designates Silver Plate</b>

<b>RIGID</b>
MRH-ALUMINUM 6061
MRA-ALUMINUM 1100
MRC-OFHC COPPER
MRF-COMMERCIAL BRONZE
MRT-COIN SILVER
<b>Rigid assemblies are not jacketed.</b>
<b>All Alum/Bronze &amp; OFHC receive Chromate coating</b>

**WAVEGUIDE  
SIZE  
284**

<b>JACKET</b>
N - NEOPRENE
S - SILICONE
V - VINYL (8802)
B - BRUSH-ON SILICONE
A - UNJACKETED
P - PAINT (SPECIFY)

<b>FLANGE PLATING</b>	
S- SILVER	N- NICKEL
R- RHODIUM	C- CADMIUM
T- TIN	
Non plated flanges will be Chromated	

<b>FLANGE MATERIAL</b>
A - ALUMINUM
B - BRASS

**LENGTH  
12 INCHES**

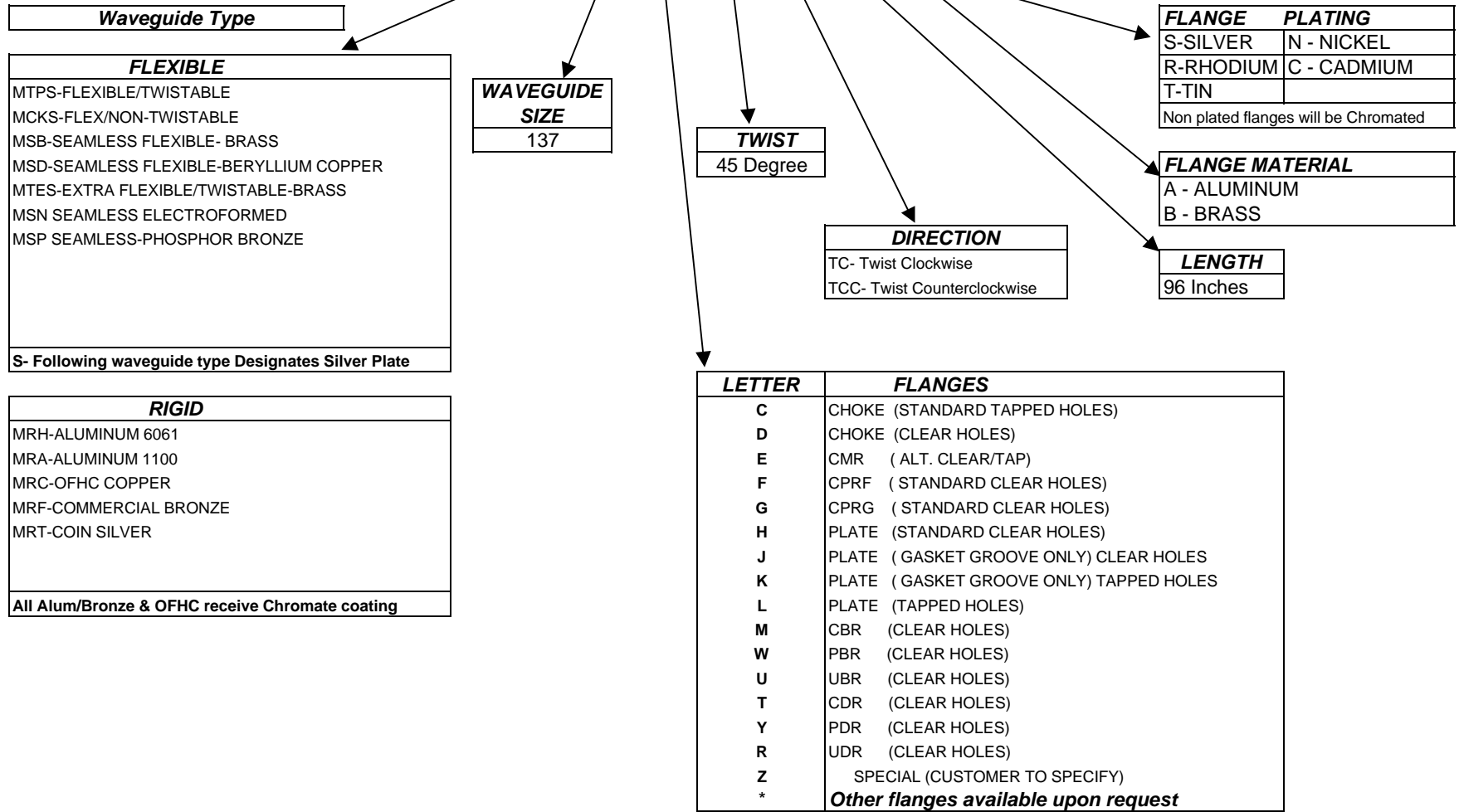
<b>LETTER</b>	<b>FLANGES</b>
C	CHOKE (STANDARD TAPPED HOLES)
D	CHOKE (CLEAR HOLES)
E	CMR (ALT. CLEAR/TAP)
F	CPRF (STANDARD CLEAR HOLES)
G	CPRG (STANDARD CLEAR HOLES)
H	PLATE (STANDARD CLEAR HOLES)
J	PLATE (GASKET GROOVE ONLY) CLEAR HOLES
K	PLATE (GASKET GROOVE ONLY) TAPPED HOLES
L	PLATE (TAPPED HOLES)
M	CBR (CLEAR HOLES)
W	PBR (CLEAR HOLES)
U	UBR (CLEAR HOLES)
T	CDR (CLEAR HOLES)
Y	PDR (CLEAR HOLES)
R	UDR (CLEAR HOLES)
Z	SPECIAL (CUSTOMER TO SPECIFY)
*	<b>Other flanges available upon request</b>

**ORDERING PAGE 1**

**FOR DOUBLE RIDGED SEE PAGE 3**

**ORDERING INFORMATION**  
**EXAMPLE; RIGID/TWIST-WAVEGUIDE ASSEMBLY**  
**MRHC137FG45TC96BC**  
*Is a WR137 Rigid waveguide assy.*  
*with a CPRF/CPRG flanges with a 45 degree Twist*  
*Clockwise, 96 in. long, with brass flanges, Cadmium Plate*

**MRC 137 FG 45 TC 96 BC**



**ORDERING INFORMATION**  
**EXAMPLE-DOUBLE RIDGED FLEX ASSEMBLY**  
**MFPS750AEN12BS**  
*Is a WRD750 Flex/Twist assembly.*  
*with silver-plated flex,gasket/plate flanges*  
*molded neoprene jacket, 12 in.long, with brass flanges plated Silver.*

## DOUBLE RIDGED ASSEMBLIES

### MFPS 750 AE N 12 BS

#### Waveguide Type

<b>DOUBLE RIDGED FLEXIBLE</b>
MFPS-DOUBLE RIDGED-FLEX/TWIST-BRASS
MDK - DOUBLE RIDGED-NON/TWIST-BRASS
MDB - DOUBLE RIDGED-SEAMLESS-BRASS
MDD-DOUBLE RIDGED-SEAMLESS-BERYLLIUM COPPER
<b>S- Following waveguide type Designates Silver Plate</b>

<b>WAVEGUIDE SIZE</b>
750

<b>JACKET</b>
N - NEOPRENE
S - SILICONE
V - VINYL (8802)
B - BRUSH-ON SILICONE
A - UNJACKETED
P - PAINT (SPECIFY)

<b>FLANGE</b>	<b>PLATING</b>
S-SILVER	N - NICKEL
R-RHODIUM	C-CADMIUM
T-TIN	
Non plated flanges will be Chromated	

<b>FLANGE MATERIAL</b>
A - ALUMINUM
B - BRASS

<b>LENGTH</b>
12 INCHES

<b>DOUBLE RIDGED WAVEGUIDE</b>
MPA-ALUMINUM DOUBLE RIDGED
MPF-BRONZE-DOUBLE RIDGED

<b>All Alum/Bronze &amp; OFHC receive Chromate coating</b>
<b>All Double Ridged Rigid assemblies are not jacketed</b>

<b>LETTER</b>	<b>FLANGES</b>
<b>A</b>	GASKET ( ALL TAPPED HOLES)
<b>B</b>	GASKET ( ALL CLEAR HOLES)
<b>C</b>	GASKET ( ALTERNATE TAP/CLEAR)
<b>D</b>	PLATE ( ALL TAPPED HOLES)
<b>E</b>	PLATE ( ALL CLEAR HOLES)
<b>F</b>	PLATE ( ALTERNATE TAP/CLEAR)
<b>*</b>	<b>Other flanges available upon request</b>