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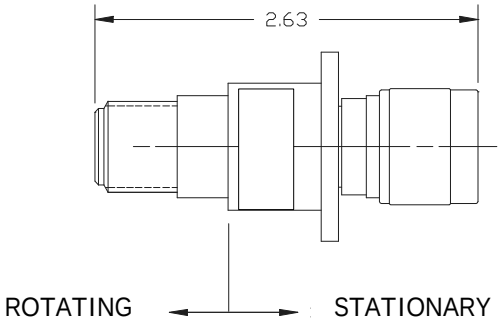
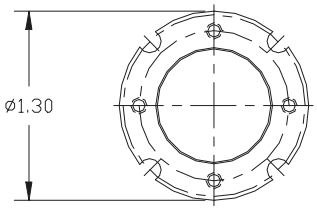
*The contents of this catalog are not a complete listing of products or capabilities;
call with specifications for more details.

Coaxial Rotary Joints

Single Channel Broadband

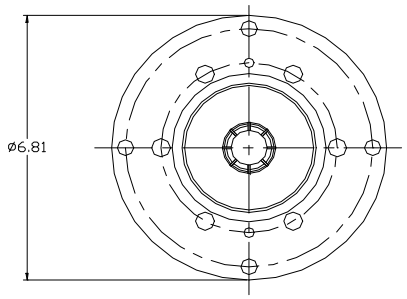


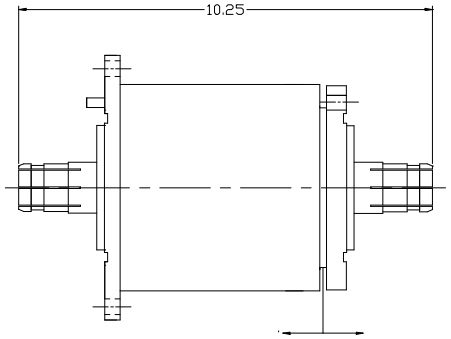


Electrical Specifications								
Model Number	Freq [GHz]	Conn.	VSWR (max)	VSWR WOW	Inser. Loss [dB]	WOW [dB]	Peak Power [W]	Avg. Power [W]
54-2124	DC-2.025	F	2.50	.10	3.00	.10	60	45
48-2124	DC-2.15	F - SMA	2.00	.10	1.25	.10	50	10
53-2124	1.525-1.661	TNC - SMA	1.70	NA	1.00	NA	NA	6
48-2120	9.5-10.6	TNC - SMA	1.20	.02	.10	.05	5,000	100
50-2120	9.5-15.4	TNC-N	1.50	.10	.60	.03	4,000	100
37-2120	.240-.315	N	1.10	.03	.10	.05	20,000	1,000
43-2120	1.6-1.9	N	1.20	.03	.15	.05	15,000	750
2120/12F	DC-12.0	N	1.30	.03	.35	.05	8,000	250
2120/18F	DC-18.0	N	1.40	.03	.40	.05	4,000	100
32-2120	9.5-10.6	N - SMA	1.20	.01	.10	.05	5,000	100
49-2124	10.5-11.5	SMA	1.10	NA	.10	NA	4,000	100
2124/18	DC-18.0	SMA	1.50	.05	.50	.10	3,000	75
2124/20	DC-20.2	SMA	1.50	.05	.50	.10	3,000	75
2124/26	DC-26.0	SMA	1.75	.07	.75	.15	1,500	40
47-2124	DC-18.0	K	1.40	.05	.50	.10	1,500	75
	18.0-26.5		1.65	.05	.75	.10	500	50
	26.5-40.0		1.80	.10	1.00	.10	300	30

Coaxial Rotary Joints

Single Channel High Power

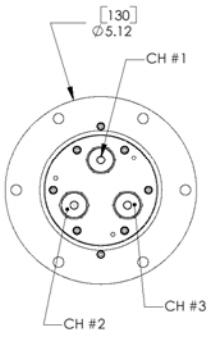


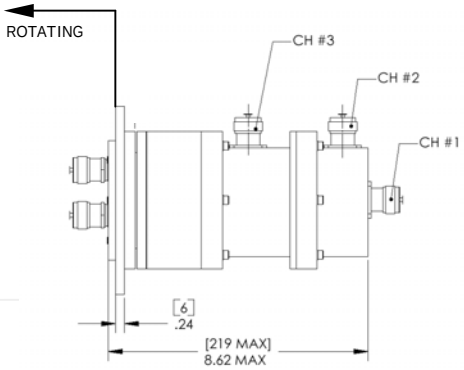


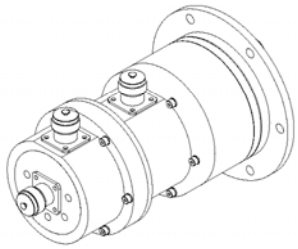
Electrical Specifications									
Model Number	Freq [GHz]	Conn.	Line Size	VSWR (max)	VSWR WOW	Inser. Loss [dB]	WOW [dB]	Peak Power [W]	Avg. Power [W]
30-2045 F	DC-.75	EIA	6 1/8	1.10	.02	.10	.05	5,000,000	75,000
30-2048 F	DC-1.5	EIA	3 1/8	1.10	.02	.10	.05	1,500,000	15,000
30-2050 F	DC-2.5	EIA	1 5/8	1.25	.02	.10	.05	1,000,000	4,500
30-2049 F	DC-5.5	EIA	7/8	1.25	.02	.20	.05	100,000	1,000

Coaxial Rotary Joints

Multi Channel







Electrical Specifications										
Model Number	CH	Freq [GHz]	Conn.	VSWR (max)	VSWR WOW	Inser. Loss [dB]	WOW [dB]	Peak Power [W]	Avg. Power [W]	Min. Isolation [dB]
20-2253	1	.145-.225	1 5/8 EIA	1.20	.10	.20	.10	20,000	5,000	40
	2	.145-.225	3 1/8 EIA	1.30	.10	.20	.10	20,000	5,000	40
20-2220C	1	0.40-1.12	TNC	1.25	.10	.15	.05	10,000	NA	50
	2	0.40-1.12	TNC	1.25	.10	.25	.05	10,000	NA	50
47-2255	1	7.9-8.4	TNC	1.25	.05	.40	.05	N/A	400	60
	2	7.25-7.75	TNC	1.25	.05	.40	.05	N/A	1	60
2233	1	9.0-11.0	TNC - SMA	1.50	.05	.35	.05	20,000	20	65
	2	9.0-11.0	TNC - SMA	1.50	.05	.45	.05	10,000	2	65
		14.0-16.0		1.50	.05	.45	.05	10,000	2	65
21-2220C	1	DC-2.4	N	1.25	.05	.20	.05	15,000	750	50
		2.4-12.0		1.60	.10	.50	.10	8,000	250	50
	2	DC-2.4	N	1.25	.05	.20	.10	10,000	500	50
		2.4-3.0		2.50	.10	.50	.20	10,000	400	50
33-2255	1	DC-18.0	SMA	1.50	.10	.50	.10	5,000	50	50
	2	DC-2.3	N	1.70	.10	.50	.20	5,000	50	50
10-2220D	1	1.4-2.6	N	1.50	.10	.20	.10	1	1	50
	2	1.4-2.6	N	1.50	.10	.20	.10	1	1	50
49-2255	1	2.0-4.0	SC	1.40	.05	.30	.20	NA	640	50
	2	2.0-4.0	N	1.30	.05	.50	.20	NA	5	50
2260	1	2.0-4.0	N	1.50	.04	.50	.02	10,000	100	40
	2	4.0-7.5	N	1.50	.03	.50	.02	5,000	100	40
12-2260	1	4.0-8.0	N	1.50	.05	.50	.10	NA	NA	50
	2	4.0-8.0	N	1.50	.05	.50	.10	NA	NA	50
13-2260	1	8.0-12.0	N	1.75	.10	.75	.15	1	1	50
	2	8.0-12.0	N	1.75	.10	.75	.15	1	1	50
10-2244A	1	DC-4.5	SMA	1.50	.05	.50	.05	NA	5	40
	2	DC-4.5	SMA	2.00	.25	1.00	.25	NA	5	40
48-2255	1	DC-12.0	SMA	1.50	.05	.80	.10	1,000	100	60
	2	8.0-10.0	SMA	1.50	.05	.80	.10	1,000	100	60
2244A	1	DC-18.0	SMA	1.80	.05	1.50	.05	5,000	200	50
	2	DC-2.0	SMA	1.35	.10	.40	.10	5,000	200	50
		2.0-4.0		2.00	.20	1.00	.20	5,000	200	50

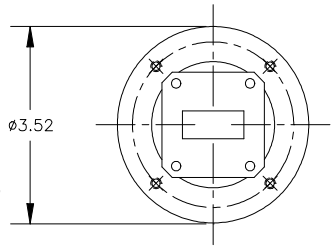
Coaxial Rotary Joints

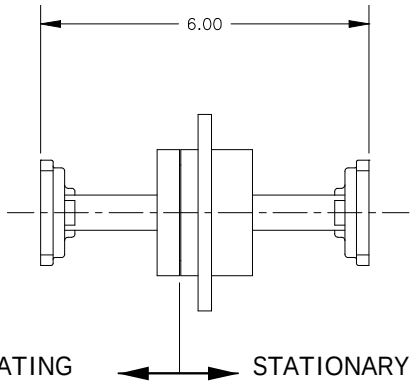
Multi Channel

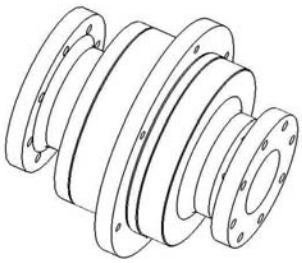
Electrical Specifications										
Model Number	CH	Freq [GHz]	Conn.	VSWR (max)	VSWR WOW	Inser. Loss [dB]	WOW [dB]	Peak Power [W]	Avg. Power [W]	Min. Isolation [dB]
2230	1	DC-18.0	SMA	1.80	.05	1.00	.10	300	20	50
	2	2.0-8.0	SMA	1.80	.05	.70	.10	500	20	50
12-2244	1	0.9-1.1	SMA	1.10	.05	.10	.05	10,000	200	50
	2	0.9-1.1	SMA	1.15	.10	.20	.10	10,000	200	50
2232	1	6.5-7.5	SMA	1.25	.05	.30	.10	6,000	125	55
	2	6.5-7.5	SMA	1.25	.05	.30	.10	6,000	125	55
2240	1	DC-8.0	K	1.35	.05	.40	.05	2,000	50	50
		8.0-18.0		1.75	.05	1.00	.05	2,000	50	50
	2	DC-4.0	K	2.00	.10	.75	.10	2,000	50	50
		4.0-8.0		3.00	.35	1.50	.30	2,000	50	50
		8.0-12.0		3.50	.80	2.50	.75	2,000	50	50
		12.0-18.0		4.50	2.0	3.00	1.5	2,000	50	50
23-2240	1	DC-18.0	K	2.00	.05	2.00	.05	1,500	75	50
		18.0-26.5		2.50	.05	3.00	.05	500	50	50
		26.5-40.0		4.00	.10	3.00	.10	300	30	50
	2	DC-2.0	K	1.75	.10	.50	.10	3,500	100	50
		2.0-4.0		2.00	.10	.75	.10	3,500	100	50
		4.0-8.0		3.00	.35	1.50	.30	3,500	100	50
		8.0-12.4		3.50	.80	2.50	.75	3,500	100	50
		12.4-18.0		4.50	2.00	3.00	1.50	1,500	50	50
2349	1	2.2-2.3	SMA	1.35	.05	.60	.05	NA	50	50
	2	2.2-2.3	SMA	1.35	.05	.50	.05	NA	1	50
	3	2.2-2.3	SMA	2.00	.35	1.00	.30	NA	1	50
2347	1	1.8055	N	1.20	.05	.25	.05	10,000	150	60
	2	0.1-1.0	N	1.20	.07	.20	.05	10,000	150	60
	3	0.1-1.0	N	1.20	.07	.20	.05	10,000	150	60
10-2355	1	1.01-1.10	N	1.20	.05	.25	.05	10,000	50	60
	2	1.01-1.10	N	1.20	.05	.35	.05	10,000	200	60
	3	1.01-1.10	N	1.20	.08	.35	.10	10,000	50	60
2511	1	32.65-33.35	K	1.50	.03	1.50	.08	NA	1	50
	2	9.65-10.35	SMA	1.25	.03	.50	.05	NA	1	50
	3	1.8-2.2	SMA	1.25	.05	.50	.05	NA	1	50
	4	1.8-2.2	SMA	1.25	.05	.50	.05	NA	1	50
	5	1.8-2.2	SMA	1.25	.05	.50	.05	NA	1	50
2510	1	DC-18.0	SMA	1.80	.02	1.70	.10	NA	1	55
	2	2.0-6.0	SMA	1.60	.05	1.00	.10	NA	1	55
	3	2.0-6.0	SMA	1.60	.05	1.00	.10	NA	1	55
	4	2.0-6.0	SMA	1.60	.05	1.00	.10	NA	1	55
	5	2.0-6.0	SMA	1.60	.05	1.00	.10	NA	1	55

Waveguide Rotary Joints

Single Channel I - Style



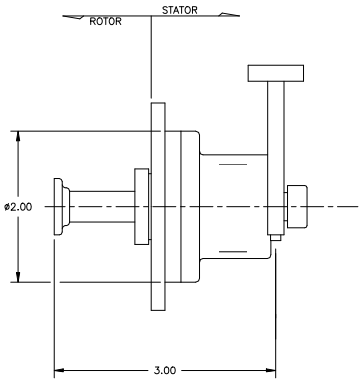


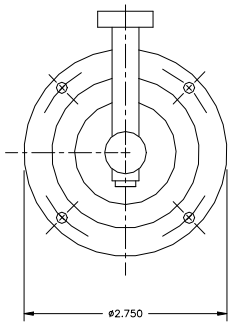


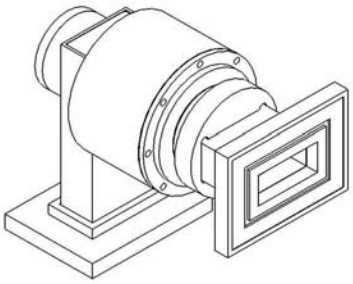
Electrical Specifications									
Model Number	Freq [GHz]	Line Size (WR)	VSWR (max)	VSWR WOW	Inser. Loss [dB]	WOW [dB]	Peak Power [W]	Avg. Power [W]	Air Pressure [psig]
10-245	1.12-1.35	WR-650	1.10	.03	.10	.02	5,000,000	10,000	20
17-345	1.75-1.85	WR-430	1.15	.03	.15	.03	NA	300	0.3
	2.025-2.120		1.15	.03	.15	.03	NA	300	0.3
16-345	2.025-2.120	WR-430	1.08	.04	.10	.05	NA	5,000	0.3
20-445	2.60-3.95	WR-284	1.50	.03	.30	.02	350,000	3,000	15
20-545	3.95-5.85	WR-187	1.50	.03	.15	.02	300,000	250	15
10-740	5.850-6.425	WRD-580	1.50	.10	.70	.05	10,000	800	NA
	7.9-8.4		1.30	.10	.40	.05	10,000	700	NA
	14.0-14.5		1.50	.10	.70	.05	10,000	500	NA
27-645	5.850-6.425	WR-137	1.25	.05	.20	.05	NA	800	0.5
	7.9-8.4		1.25	.05	.20	.05	NA	1,600	0.5
28-645	5.850-6.425	WR-137	1.20	.05	.20	.05	NA	750	0.5
20-645	5.85-8.20	WR-137	1.50	.03	.25	.02	75,000	200	15
21-645	5.925-6.425	WR-137	1.10	.03	.10	.02	NA	6,000	5
745	7.0-11.0	WR-112	1.50	.03	.30	.02	100,000	500	15
27-745	7.7-8.9	WR-112	1.30	.03	.20	.05	62,000	6,200	5
	9.7-10.5		1.30	.03	.20	.05	62,000	6,200	5
26-745	7.9-8.4	WR-112	1.15	.02	.20	.05	NA	1,500	20
28-745	9.40-10.05	WR-112	1.10	.08	.15	.10	80,000	2,400	16.5
11-745	7.0-11.0	WR-102	1.50	.03	.30	.02	50,000	2,000	15
21-845	7.9-12.1	WR-90	1.50	.03	.30	.05	NA	NA	10
20-845	8.2-12.4	WR-90	1.50	.03	.25	.02	35,000	2,000	15
38-845	9.2-9.7	WR-90	1.15	.02	.25	.03	20,000	500	15
37-845	9.25-9.50	WR-90	1.08	.02	.25	.05	150,000	150	15
35-845	10.0-12.2	WR-90	1.20	.03	.20	.02	35,000	2,000	15
22-845	10.0-14.0	WR-75	1.50	.03	.50	.02	35,000	100	15
26-945	11.7-15.1	WR-75	1.50	.03	.40	.02	15,000	100	15
20-945	12.4-18.0	WR-62	1.50	.03	.40	.02	15,000	100	15
18-946	13.0-16.0	WR-62	1.35	.05	.25	.05	NA	450	15
37-945	14.5-15.4	WR-62	1.20	.03	.20	.05	100,000	100	20
22-946	15.7-16.2	WR-62	1.15	.05	.20	.05	20,000	100	3
38-945	15.7-17.7	WR-62	1.15	.03	.40	.02	10,000	16	3
22-1045	19.7-23.9	WR-42	1.50	.05	.40	.03	NA	1	2
23-1145	34.2-35.8	WR-28	1.20	.03	.50	.02	10,000	100	15
17-1147	34.66-35.34	WR-28	1.25	.12	.60	.20	75,000	40	10
23-1245	41.4-45.0	WR-22	1.50	.20	1.00	.20	NA	50	NA
27-545	3.4-4.2	CIRC	1.15	.10	.15	.05	NA	1	2
	4.2-4.8		1.20	.10	.20	.05	NA	1	2
36-945	10.7-14.0	CIRC	1.10	.05	.20	.05	NA	NA	NA
39-945	10.90-12.75	CIRC	1.10	.05	.20	.05	NA	NA	3
42-945	10.95-14.97	CIRC	1.10	.04	.20	.05	NA	450	15
40-945	12.0-15.4	CIRC	1.10	.05	.20	.05	NA	1	0.5
43-945	17.7-21.3	CIRC	1.10	.10	.20	.10	NA	1	2
21-1245	42.5-45.5	CIRC	1.10	.10	.10	.05	NA	1,000	3

Waveguide Rotary Joints

Single Channel L - Style



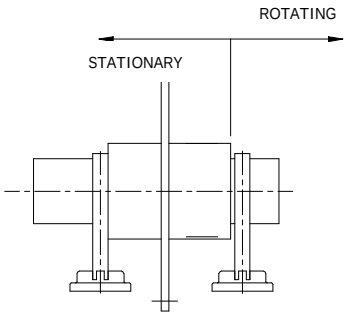


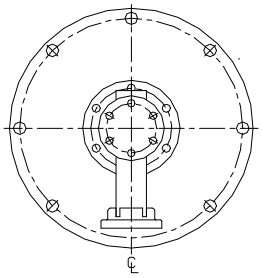


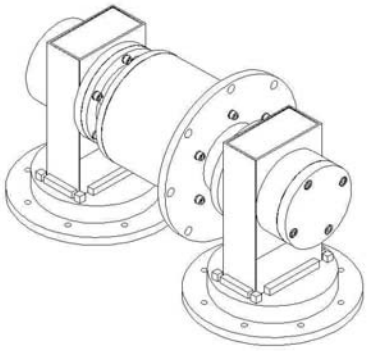
Electrical Specifications									
Model Number	Freq [GHz]	Line Size (WR)	VSWR (max)	VSWR WOW	Inser. Loss [dB]	WOW [dB]	Peak Power [W]	Avg. Power [W]	Air Pressure [psig]
12-246	1.25-1.35	WR-650	1.20	.03	.15	.05	4,000,000	4,000	15
17-346	1.75-1.85	WR-430	1.20	.05	.15	.03	NA	2,000	5
15-446	2.7-3.1	WR-284	1.25	.03	.15	.02	2,000,000	5,000	30
33-446	2.7-2.9	WR-284	1.15	.03	.10	.05	5,000,000	5,000	30
27-446	2.9-3.1	WR-284	1.15	.03	.15	.02	3,000,000	3,000	40
20-546	3.9-4.5	WR-187	1.40	.04	.20	.02	50,000	100	10
30-546	4.9-5.1	WR-187	1.25	.03	.15	.02	2,000,000	2,000	30
19-546	5.4-5.9	WR-187	1.20	.02	.10	.02	1,500,000	3,000	30
41-546	5.45-5.85	WR-187	1.20	.02	.10	.02	400,000	300	15
26-646	5.850-6.425	WR-137	1.25	.05	.20	.05	NA	800	0.5
	7.9-8.4		1.25	.05	.20	.05	NA	1,600	0.5
25-646	5.925-6.425	WR-137	1.20	.05	.20	.05	NA	500	2
11-646	6.5-7.5	WR-137	1.20	.02	.10	.01	500,000	3,000	30
29-746	7.145-8.450	WR-112	1.20	.02	.20	.05	NA	75	NA
18-746	F1-F2	WR-112	1.15	.03	.20	.05	5,000	250	30
23-746	9.05-10.00	WR-112	1.08	.03	.15	.05	300,000	300	10
35-746	9.40-10.05	WR-112 TO WR-90	1.15	.08	.15	.05	80,000	2,400	16
23-846	8.5-9.7	WR-90	1.20	.03	.20	.05	100,000	300	25
14-846	9.13-9.27	WR-90	1.10	.02	.15	.02	2,000	40	10
34-847	9.2-9.7	WR-90	1.15	.02	.13	.02	20,000	500	15
32-847	11.2-14.5	WR-75	1.25	.10	.30	.10	NA	50	25
24-846	11.9-13.6	WR-75	1.20	.03	.20	.05	100,000	300	25
25-847	14.0-14.5	WR-75	1.20	.05	.17	.05	NA	1,000	2
21-946	11.9-16.0	WR-62	1.35	.03	.25	.05	50,000	200	NA
17-946	13.0-16.0	WR-62	1.35	.05	.25	.05	50,000	450	15
14-946	14.3-15.7	WR-62	1.20	.02	.15	.02	1,500	100	10
20-1045	18.0-26.5	WR-42	1.50	.02	.50	.05	16,000	100	15
24-1145	33.25-36.75	WR-28	1.50	.03	.50	.02	2,000	200	15
10-1147	34.65-35.05	WR-28	1.12	.02	.20	.02	150,000	50	30

Waveguide Rotary Joints

Single Channel U - Style







Electrical Specifications									
Model Number	Freq [GHz]	Line Size (WR)	VSWR (max)	VSWR WOW	Inser. Loss [dB]	WOW [dB]	Peak Power [W]	Avg. Power [W]	Air Pressure [psig]
146	.405-.450	WR-2100	1.10	.02	.05	.05	30,000,000	330,000	1
11-346	1.7-2.4	WR-430	1.20	.03	.20	.10	2,000,000	12,000	5
16-346	1.71-1.85	WR-430	1.20	.03	.15	.10	NA	6,500	5
18-346	2.060-2.072	WR-430	1.10	.03	.10	.05	NA	6,000	2
18-346	2.10-2.11	WR-430	1.10	.03	.10	.05	NA	6,000	2
18-446	2.5-3.5	WR-284	1.30	.05	.20	.02	1,000,000	1,300	30
26-446	2.7-3.1	WR-284	1.15	.03	.15	.02	6,000,000	10,000	30
17-446	2.8-3.2	WR-284	1.30	.03	.15	.05	1,000,000	3,000	15
38-446	2.88-3.02	WR-284	1.20	.05	.40	.02	1,000,000	1,000	45
13-446	3.1-3.5	WR-284	1.30	.03	.15	.02	1,000,000	5,000	30
36-446	3.15-3.45	WR-284	1.22	.05	.15	.05	600,000	48,000	45
28-546	4.8-5.1	WR-187	1.50	.05	.20	.05	1,000,000	1,000	NA
26-546	4.9-5.1	WR-187	1.20	.05	.20	.05	1,500,000	1,500	30
22-546	5.4-5.9	WR-187	1.30	.03	.15	.02	1,000,000	2,000	30
19-646	5.725-6.225	WR-159	1.20	.03	.20	.05	3,500	3,500	2
20-646	5.725-6.725	WR-159	1.30	.03	.25	.05	3,500	3,500	2
39-647	5.825-6.425	WR-159	1.15	.05	.10	.05	NA	15,000	0.5
32-646	5.85-6.50	WR-159	1.15	.03	.20	.05	5,000	5,000	2
29-646	5.850-6.725	WR-159	1.20	.03	.20	.05	5,000	5,000	2
30-646	5.900-6.675	WR-159	1.20	.05	.20	.05	NA	12,000	2
18-646	5.925-6.725	WR-159	1.20	.03	.20	.05	5,000	5,000	2
41-647	6.425-6.675	WR-159	1.15	.05	.20	.05	NA	12,000	2

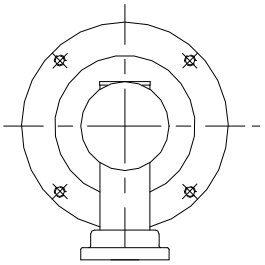
Waveguide Rotary Joints

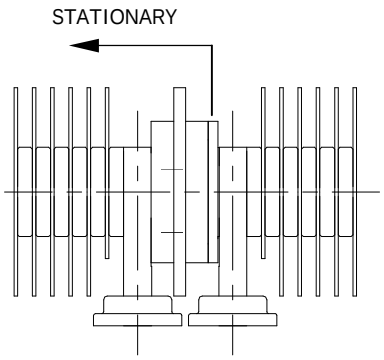
Single Channel U - Style

Electrical Specifications									
Model Number	Freq [GHz]	Line Size (WR)	VSWR (max)	VSWR WOW	Inser. Loss [dB]	WOW [dB]	Peak Power [W]	Avg. Power [W]	Air Pressure [psig]
21-646	5.70-6.65	WR-137	1.20	.05	.20	.03	NA	2,000	10
16-646	5.850-6.475	WR-137	1.20	.03	.20	.05	NA	3,000	10
24-646	5.85-6.65	WR-137	1.20	.03	.20	.05	NA	5,000	10
31-646	6.88-7.12	WR-137	1.20	.02	.20	.01	NA	2,500	30
	7.68-8.42		1.20	.02	.20	.01	225,000	2,430	30
26-746	7.25-8.40	WR-112	1.15	.02	.15	.05	100,000	3,000	15
17-746	F1-F2	WR-112	1.15	.03	.20	.05	5,000	250	15
34-746	8.5-10.0	WR-112	1.15	.05	.17	.03	20,000	600	10
46-846	8.0-18.0	WRD-750	2.00	.05	1.20	.20	NA	700	2
20-846	8.0-12.4	WR-90	1.28	.05	.15	.05	150,000	300	25
25-846	9.0-10.0	WR-90	1.20	.02	.15	.02	8,000	80	15
15-846	9.13-9.27	WR-90	1.10	.02	.15	.02	2,000	40	10
28-846	9.5-10.5	WR-90	1.22	.05	.20	.05	100,000	35,000	45
44-846	11.2-14.5	WR-75	1.25	.10	.30	.10	NA	50	25
24-846	11.9-13.6	WR-75	1.20	.03	.20	.05	100,000	75	25
36-846	12.68-15.22	WR-75	1.30	.06	.40	.05	300,000	750	45
27-846	12.70-13.25	WR-75	1.20	.05	.30	.05	150,000	2,000	5
	13.75-14.50		1.20	.05	.30	.05	150,000	2,000	5
35-846	12.7-14.5	WR-75	1.20	.06	.30	.05	NA	2,000	2
29-846	12.75-13.25	WR-75	1.20	.05	.30	.05	NA	4,000	5
	13.75-14.50		1.20	.05	.30	.05	NA	4,000	5
26-846	12.78-13.32	WR-75	1.30	.10	.40	.10	300,000	300	45
	14.58-15.22		1.30	.10	.40	.10	50,000	75	45
30-846	13.40-14.06	WR-75	1.20	.05	.20	.05	NA	100	2
	14.60-15.22		1.20	.05	.20	.05	NA	500	2
35-847	13.75-14.50	WR-75	1.20	.05	.10	.05	NA	7,000	2
13-946	12.4-18.0	WR-62	1.50	.05	.50	.05	1,000	250	15
23-946	13.75-14.50	WR-62	1.30	.05	.35	.05	NA	3,000	2
	17.3-18.1		1.30	.05	.35	.05	NA	3,000	2

Waveguide Rotary Joints

Single Channel Circular (TM_{01}) Mode

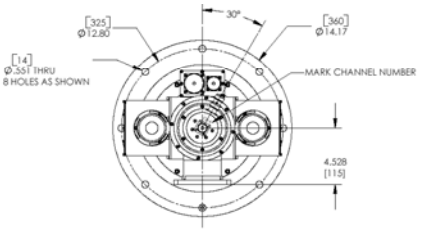


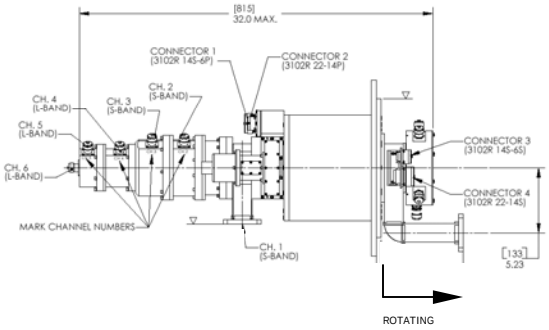


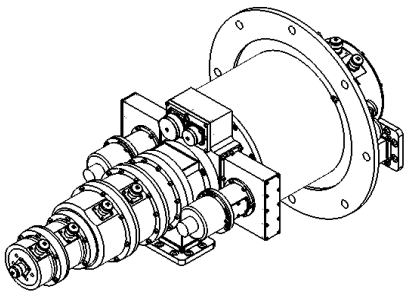
Electrical Specifications									
Model Number	Freq [GHz]	Line Size (WR)	VSWR (max)	VSWR WOW	Inser. Loss [dB]	WOW [dB]	Peak Power [W]	Avg. Power [W]	Air Pressure [psig]
10-246	1.25-1.35	WR-770	1.17	.06	.10	.02	10,000,000	150,000	10
447	2.95-3.05	WR-284	1.10	.03	.10	.03	4,000,000	50,000	30
547	4.4-5.0	WR-187	1.20	.05	.10	.03	1,000,000	20,000	20
35-647	5.85-6.42	WR-159	1.15	.05	.08	.05	NA	5,000	0.5
13-647	6.2-6.5	WR-159	1.15	.05	.08	.05	500,000	25,000	10
31-647	5.90-6.42	WR-137	1.20	.08	.15	.05	600,000	6,000	5
12-647	6.22-6.42	WR-137	1.15	.05	.08	.02	500,000	25,000	10
26-647	7.25-7.75	WR-137	1.20	.05	.10	.02	1,000,000	15,000	15
25-647	7.90-8.40	WR-137	1.15	.05	.10	.02	6,500,000	15,000	15
15-747	9.0-9.6	WR-112	1.15	.06	.15	.02	600,000	8,000	30
18-847	13.69-14.50	WR-75	1.20	.05	.15	.05	NA	6,000	0.5
26-847	13.75-14.50	WR-75	1.20	.05	.10	.05	NA	2,100	0.5
28-847	13.75-14.50	WR-75	1.20	.05	.15	.05	NA	3,000	2
31-847	13.75-14.50	WR-75	1.13	.05	.10	.05	NA	3,000	0.5
29-847	13.90-14.51	WR-75	1.15	.05	.15	.05	NA	3,000	2
19-847	14.0-14.5	WR-75	1.15	.05	.12	.05	NA	9,000	2
27-847	14.0-14.5	WR-75	1.20	.05	.15	.05	NA	1,000	0.5
23-947	16.0-16.5	WR-62	1.15	.05	.15	.02	1,500	100	2
947	16.0-17.0	WR-62	1.20	.05	.20	.05	125,000	1,000	25
12-947	16.0-17.0	WR-62	1.20	.05	.15	.02	150,000	3,000	25
17-947	16.9-17.9	WR-62	1.30	.02	.30	.05	150,000	3,000	25
28-947	17.2-17.7	WR-62	1.20	.04	.15	.05	NA	1,000	0.5
27-947	17.3-17.8	WR-62	1.20	.03	.15	.05	NA	2,500	2
31-947	17.3-18.1	WR-62	1.20	.04	.15	.05	NA	3,000	2
29-947	17.3-18.1	WR-62	1.20	.04	.15	.05	NA	5,000	2
32-947	17.3-18.4	WR-62	1.20	.05	.15	.05	NA	3,000	2
26-947	17.6-17.7	WR-62	1.20	.02	.15	.05	NA	2,000	25
10-1000	20.2-21.2	WR-51	1.15	.05	.15	.05	NA	1,400	4
10-1100	29.0-30.0	WR-34	1.25	.05	.30	.05	NA	800	2
1100	30.0-31.0	WR-34	1.20	.05	.25	.05	NA	600	2
13-1147	33.2-34.0	WR-28	1.20	.02	.20	.02	150,000	1,000	60
1147	34.5-35.2	WR-28	1.12	.02	.20	.02	150,000	1,000	60
17-1147	34.66-35.34	WR-28	1.15	.10	.20	.10	75,000	40	10

Coaxial / Waveguide Rotary Joints

Multi Channel







Electrical Specifications										
Model Number	CH	Freq [GHz]	Line Size	VSWR (max)	VSWR WOW	Inser. Loss [dB]	WOW [dB]	Peak Power [W]	Avg. Power [W]	Min. Isolation [dB]
2620	1	2.7-2.9	WR-284	1.20	.05	.15	.05	30,000	3,000	60
	2	2.7-2.9	N	1.30	.05	.90	.05	5,000	75	60
	3	2.7-2.9	N	1.30	.06	1.00	.05	5,000	75	60
	4	1.10-1.11	N	1.30	.06	.80	.05	5,000	75	60
	5	1.10-1.11	N	1.30	.06	.80	.05	5,000	75	60
	6	1.10-1.11	N	1.30	.06	.80	.05	5,000	75	60
2520	1	2.9-3.1	WR-284	1.20	.05	.15	.05	35,000	3,500	60
	2	2.9-3.1	N	1.30	.05	1.00	.05	350	10	60
	3	2.9-3.1	N	1.30	.05	1.00	.05	350	10	60
	4	1.00-1.12	N	1.35	.10	.80	.10	3,000	10	60
	5	1.00-1.12	N	1.35	.10	.80	.10	3,000	10	60
2409	1	5.4-5.9	WR-187	1.15	.02	.10	.05	75,000	4,000	50
	2	5.4-5.9	WR-187	1.25	.03	.30	.05	250	6	50
	3	DC-1.1	N	1.30	.03	.50	.10	2,000	150	50
	4	1.0-1.1	N	1.50	.03	.80	.10	2,000	100	50
10-2344	1	5.4-5.9	WR-187	1.15	.05	.20	.05	1,000,000	1,000	50
	2	5.4-5.9	N	1.75	.05	1.20	.05	1	1	50
	3	0.40-0.55	N	1.20	.05	.40	.05	1,400	1,400	50
2356	1	8.5-9.6	WR-112	1.20	.05	.20	.05	250,000	250	55
	2	1.0-1.1	N	1.30	.07	.50	.10	3,000	30	55
	3	1.0-1.1	N	1.30	.07	.50	.10	3,000	30	55
2348	1	8.5-10.0	WR-90	1.30	N/S	.20	.05	500,000	100	50
	2	0.5-14.0	SMA	2.00	N/S	2.00	.10	2	1	50
		14.0-18.0		2.00	N/S	2.50	.10	2	1	50
	3	0.5-1.5	SMA	2.00	N/S	1.00	.10	4,000	20	50
		1.5-14.0		4.50	N/S	2.50	.60	4,000	15	50
		14.0-18.0		4.50	N/S	3.50	.75	4,000	15	50
2354	1	8.6-9.9	WR-90	1.20	.05	.20	.05	300,000	500	60
	2	8.6-9.9	WR-90	1.30	.05	.35	.05	3,000	5	60
	3	8.6-9.9	SMA	1.50	.05	1.00	.05	100	5	60
2350	1	Fo	WR-90	1.10	.05	.10	.03	Pw	Pw	50
	2	0.9-1.1	SMA	1.30	.05	.40	.20	2,000	20	50
	3	0.9-1.1	SMA	1.30	.10	.40	.20	2,000	20	50

Coaxial / Waveguide Rotary Joints

Multi Channel

Electrical Specifications										
Model Number	CH	Freq [GHz]	Line Size	VSWR (max)	VSWR WOW	Inser. Loss [dB]	WOW [dB]	Peak Power [W]	Avg. Power [W]	Min. Isolation [dB]
31-2281	1	2.7-2.9	WR-284	1.2	.02	.10	.05	1,500,000	1,500	50
	2	2.7-2.9	WR-284	1.2	.02	.20	.05	1,500,000	1,500	50
2261	1	2.875-3.125	WR-284	1.05	.02	.10	.05	3,000,000	20,000	50
	2	1.015-1.105	N	1.25	.03	.25	.10	15,000	150	50
		2.875-3.125		1.25	.03	.25	.10	1,000	10	50
22102	1	5.850-6.425	WR-137	1.40	.10	.30	.05	NA	700	50
		7.9-8.4		1.20	.10	.20	.05	NA	700	50
	2	14.0-14.5	WR-75	1.30	.10	.25	.10	NA	200	50
24-2288	1	5.850-6.425	WR-137	1.25	.05	.20	.05	NA	300	60
		7.9-8.4		1.25	.05	.20	.05	NA	1,600	60
	2	DC-7.75	N	1.25	.05	.70	.05	NA	2	60
21-2288	1	5.850-6.425	WR-137	1.20	.05	.20	.05	NA	1,600	60
		7.9-8.4		1.20	.05	.20	.05	NA	1,600	60
	2	3.7-4.2	N	1.20	.05	.70	.05	NA	1	60
		7.25-7.75		1.20	.05	.70	.05	NA	1	60
2288	1	5.925-6.425	WR-137	1.20	.05	.20	.05	NA	400	60
	2	3.7-4.2	N	1.20	.05	.70	.05	NA	1	60
22-2287	1	8.5-9.6	WR-137	1.15	.03	.15	.03	300,000	200	60
	2	8.5-9.6	WR-137	1.25	.03	.25	.03	20,000	20	60
10-2287	1	7.25-7.75	WR-112	1.15	.03	.20	.03	NA	125	50
	2	7.9-8.4	WR-112	1.20	.03	.20	.03	NA	3,000	50
12-2273	1	7.25-8.40	WR-112	1.15	.02	.20	.05	NA	3,000	63
	2	DC-8.4	WR-112	1.25	.02	.40	.05	NA	1	63
20-2287	1	8.5-9.6	WR-112	1.15	.03	.20	.02	250,000	500	50
	2	1.03-1.09	N	1.10	.01	.65	.05	3,500	100	50
19-2251	1	8.5-10.0	WR-112	1.15	.05	.17	.03	20,000	600	80
	2	8.5-10.0	N	1.25	.05	.35	.03	1,500	42	80
2290	1	9.0-10.3	WR-90	1.30	.05	.20	.05	500,000	2,500	70
	2	DC-10.0	SMA	1.50	.05	.30	.05	10,000	50	70
20-2289	1	9.2-10.1	WR-90	1.25	.05	.20	.05	50,000	500	60
	2	9.2-10.1	WR-90	1.25	.05	.50	.05	500	5	60
21-2289	1	Fo	WR-90	1.25	.05	.20	.05	Pw	Pw	60
	2	Fo	WR-90	1.25	.05	.50	.05	500	50	60
14-2266	1	14.0-14.5	WR75	1.20	.05	.20	.05	NA	50	50
	2	DC/12.25-12.75	SMA	1.30	.05	.50	.05	NA	50	50
2266	1	12.0-18.0	WR-62	1.75	.03	.50	.10	1,000	250	50
	2	8.0-12.0	WR-90	1.70	.03	.50	.10	1,000	250	50
11-2266	1	12.0-18.0	WR-62	1.75	.03	.50	.10	1	1	50
	2	12.0-18.0	WR-62	1.75	.03	.50	.10	1	1	50
15-2266	1	14.0-14.5	WR-62	1.25	.05	.20	.05	20,000	1,000	50
	2	13.9-14.4	SMA	1.50	.05	.50	.05	10	10	50
16-2266	1	14.40-15.35	WR-62	1.30	.05	.35	.05	1,500	60	70
	2	14.40-15.35	TNC/SMA	1.30	.05	.90	.05	NA	1	70
18-2266	1	16.0-17.0	WR-62	1.50	.05	.50	.05	60,000	120	50
	2	8.0-8.5	SMA	1.50	.05	.75	.05	1,500	100	50
		16.0-17.0		1.50	.05	.75	.05	10	10	50
13-2266	1	14.5-16.2	WR-62	1.20	.05	.20	.05	50,000	100	80
	2	13.0-14.0	N	1.50	.05	.50	.05	2,000	10	80
2292	1	19.7-23.9	WR-42	1.50	.05	.40	.03	1	1	50
	2	1.47-1.50	N	1.20	.05	.20	.05	1	1	50