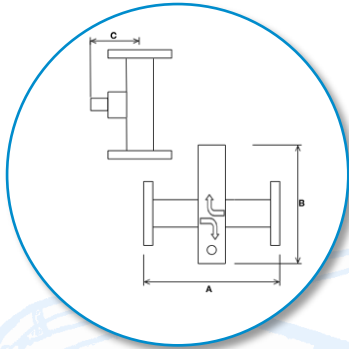


# ETL Waveguide Couplers

ETL Systems are now offer precision made waveguide components for most microwave systems.

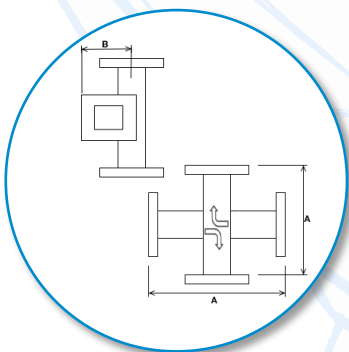
All our waveguide components are made to the highest quality standards and use International Flange styles & finishes to suit. Components are available in aluminium, brass or copper waveguide with aluminium or brass flanges fitted.

## Cross Guide Couplers (3 port)



WG Size	Frequency Range (GHz)	Dimensions (mm)			Max VSWR		Directivity (dB)	MCoupling Values (dB)	
		A	B	C	A	B		Nominal Accuracy	Sensitivity
10	2.60 – 3.95	185	310		1.03	1.10	1.10	+/-2	+/-1
11A	3.30 – 4.90	127	260		1.03	1.10	1.10	+/-2	+/-1
12	3.94 – 5.99	125	230		1.03	1.10	1.10	+/-2	+/-1
14	5.38 – 8.18	107	182		1.03	1.10	1.10	+/-2	+/-1
15	6.58 – 10.0	90	171		1.03	1.10	1.10	+/-2	+/-1
16	8.20 – 12.5	78	145		1.03	1.10	1.10	+/-2	+/-1
17	9.84 – 15.0	75	120		1.03	1.10	1.10	+/-2	+/-1
18	11.9 – 18.0	70	112	33	1.03	1.10	1.10	+/-2	+/-1
22	26.4 – 40.1	47	55		1.03	1.10	1.10	+/-2	+/-1

## Cross Guide Couplers (4 port)



WG Size	Frequency Range (GHz)	Dimensions (mm)		Max VSWR	Power Rating (W)
		A	B		
10	2.60 – 3.95	185		1.03	As per Customer Req
11A	3.30 – 4.90	127		1.03	
12	3.94 – 5.99	125		1.03	
14	5.38 – 8.18	107		1.03	
15	6.58 – 10.0	90		1.03	
16	8.20 – 12.5	78		1.03	
17	9.84 – 15.0	75		1.03	
18	11.9 – 18.0	70	32	1.03	
22	26.4 – 40.1	47		1.03	



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