

# WAVEGUIDE

## COUPLERS

Part Number	Band (GHz)	Coupling	Directivity TYP. (dB)	Insertion Loss (dB)	Return Loss (dB)	Waveguide Band	Flange	ECCN
<a href="#">C10-2800WG</a>	26.5-40	10	40	0.5	30	WR-28	UG-599/U	EAR99
<a href="#">C10-2200WG</a>	33-50	10	40	0.6	30	WR-22	UG-383/U	EAR99
<a href="#">C10-1900WG</a>	40-60	10	40	0.7	30	WR-19	UG-383/U	EAR99
<a href="#">C10-1500WG</a>	50-75	10	40	1.2	30	WR-15	UG-385/U	EAR99
<a href="#">C20-1500WG</a>	50-75	19	41	0.9	39	WR-15	UG-385/U	EAR99
<a href="#">C10-1200WG</a>	60-90	10	40	1.1	30	WR-12	UG-387/U	EAR99
<a href="#">C20-1200WG</a>	60-90	19	38	0.8	39	WR-12	UG-387/U	EAR99
<a href="#">C10-1000WG</a>	75-110	10	40	1.25	30	WR-10	UG-387/U	EAR99
<a href="#">C20-1000WG</a>	75-110	20	36	1.15	35	WR-10	UG-387/U	EAR99

## DETECTORS

Part Number	Band (GHz)	Sensitivity (V/mW)	Flatness (dB)	Operating range (dB)	Flange	ECCN
<a href="#">DET-28PP00WG</a>	26.5-40	1800	+/- 1.5	15 to -40	UG-599/U	EAR99
<a href="#">DET-22PP00WG</a>	33-50	1500	+/- 1.5	15 to -40	UG-383/U	EAR99
<a href="#">DET-19PP00WG</a>	40-60	1500	+/- 2.0	15 to -40	UG-383/U	EAR99
<a href="#">DET-15PP00WG</a>	50-75	1200	+/- 1.5	15 to -40	UG-385/U	EAR99
<a href="#">DET-12PP00WG</a>	60-90	1000	+/- 1.5	15 to -40	UG-387/U	EAR99
<a href="#">DET-10PP00WG</a>	75-110	800	+/- 1.5	15 to -40	UG-387/U	EAR99
<a href="#">DET-08PP00WG</a>	90-140	700	+/- 1.7	15 to -40	UG-387/U	EAR99

## ISOLATORS

Part Number	Band (GHz)	Isolation (dB)	Insertion Loss (dB)	Return Loss	Waveguide Band	Flange	ECCN
<a href="#">ISO27-28F00WG</a>	26.5-40	27	1	17.7	WR-28	UG-599/U	EAR99
<a href="#">ISO27-22F00WG</a>	33-50	27	1.3	17.7	WR-22	UG-383/U	EAR99
<a href="#">ISO27-19F00WG</a>	40-60	27	1.5	17.7	WR-19	UG-383/U	EAR99
<a href="#">ISO27-15F00WG</a>	50-75	27	1.6	15.5	WR-15	UG-385/U	EAR99
<a href="#">ISO27-12F00WG</a>	60-90	27	1.7	15.5	WR-12	UG-387/U	EAR99
<a href="#">ISO27-10F00WG</a>	75-110	27	2	15.5	WR-10	UG-387/U	EAR99

## LEVEL SET ATTENUATORS

Part Number	Band (GHz)	Attenuation Range (dB)	Return Loss (dB)	Flange	ECCN
<a href="#">ATN35-15LS00WG</a>	50-75	0-35	15	UG-385/U	EAR99
<a href="#">ATN35-12LS00WG</a>	60-90	0-35	15	UG-387/U	EAR99
<a href="#">ATN35-10LS00WG</a>	75-110	0-35	15	UG-387/U	EAR99

**\*New Release since 3/2026**

All electrical specifications given are typical values.