

WAVEGUIDE

COUPLERS

Part Number	Band (GHz)	Coupling	Directivity TYP. (dB)	Insertion Loss (dB)	Return Loss (dB)	Waveguide Band	Flange	ECCN
◆ C10-2800WG*	26.5-40	10	40	0.5	30	WR-28	UG-599/U	EAR99
◆ C10-2200WG*	33-50	10	40	0.6	30	WR-22	UG-383/U	EAR99
◆ C10-1900WG*	40-60	10	40	0.7	30	WR-19	UG-383/U	EAR99
C10-1500WG	50-75	10	40	1.2	30	WR-15	UG-385/U	EAR99
C10-1200WG	60-90	10	40	1.1	30	WR-12	UG-387/U	EAR99
C10-1000WG	75-110	10	40	1.25	30	WR-10	UG-387/U	EAR99

DETECTORS

Part Number	Band (GHz)	Sensitivity (V/mW)	Flatness (dB)	Operating range (dB)	Flange	ECCN
DET-28PP00WG	26.5-40	1800	+/- 1.5	15 to -40	UG-599/U	EAR99
DET-22PP00WG	33-50	1500	+/- 1.5	15 to -40	UG-383/U	EAR99
DET-19PP00WG	40-60	1500	+/- 2.0	15 to -40	UG-383/U	EAR99
DET-15PP00WG	50-75	1200	+/- 1.5	15 to -40	UG-385/U	EAR99
DET-12PP00WG	60-90	1000	+/- 1.5	15 to -40	UG-387/U	EAR99
DET-10PP00WG	75-110	800	+/- 1.5	15 to -40	UG-387/U	EAR99
DET-08PP00WG	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
ISO27-28F00WG	26.5-40	27	1	17.7	WR-28	UG-599/U	EAR99
ISO27-22F00WG	33-50	27	1.3	17.7	WR-22	UG-383/U	EAR99
ISO27-19F00WG	40-60	27	1.5	17.7	WR-19	UG-383/U	EAR99
ISO27-15F00WG	50-75	27	1.6	15.5	WR-15	UG-385/U	EAR99
ISO27-12F00WG	60-90	27	1.7	15.5	WR-12	UG-387/U	EAR99
ISO27-10F00WG	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
ATN35-15LS00WG	50-75	0-35	15	UG-385/U	EAR99
ATN35-12LS00WG	60-90	0-35	15	UG-387/U	EAR99
ATN35-10LS00WG	75-110	0-35	15	UG-387/U	EAR99

MULTIPLIERS

Part Number	Band (GHz)	Output Power dBm	Input Frequency (GHz)	Flange	ECCN
AQA-15F00WG	50-75	13	12.5-18.75	UG-385/U	EAR99
ASA-12F00WG	71-86	12	11.83-14.33	UG-387/U	EAR99
ASA-10F00WG	75-110	10	12.5-18.3	UG-387/U	3A001.b.7.c.3

***New Release since 6/1/24**

All electrical specifications given are typical values.

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