



Traveling Wave Tubes for Earth Stations



C-Band

Ku-Band

DBS-Band

K-Band

Ka-Band

C-Band

Type Number	Frequency RangeGHz)	Rated Output Power (W)
<a href="#">LD7272series</a>	5.85-6.45	400
	5.85-6.65	400
<a href="#">LD7217series</a>	5.85-6.425	600/700
	5.85-6.65	700
	5.725-6.725	700
<a href="#">LD7262series</a>	5.85-6.45	750
	5.85-6.65	700
<a href="#">LD7260series</a>	5.85-6.425	2250
	5.85-6.65	2250
<a href="#">LD7215series</a>	5.85-6.425	3000
	5.85-6.65	3000
<a href="#">LD4475A(*2)</a>	5.85-6.425	3000
<a href="#">LD4415A(*2)</a>	5.85-6.425	150
<a href="#">LD4536A(*2)</a>	5.85-6.425	400
<a href="#">LD4255C(*2)</a>	5.85-6.425	400
<a href="#">LD4225A/C/D(*2,3)</a>	5.85-6.425	720
<a href="#">LD4228C(*2)</a>	5.85-6.425	750 (CW) / 1200 (Pulsed)
<a href="#">LD4070(*2)</a>	5.925-6.425	2000
<a href="#">LD4281(*2)</a>	5.85-6.425	3000
<a href="#">LD4281C(*2)</a>	5.85-6.425	3000
<a href="#">LD4523(*2)</a>	5.925-6.425	3300
<a href="#">LD-793B(*2)</a>	5.925-6.425	8000
<a href="#">LD4337C(*2)</a>	5.85-6.425	12000

(\*1) For power testing of space-borne equipment

(\*2) Maintenance use only.

(\*3) Last letter A,C or D corresponds to difference in air inlet directions.



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## Ku-Band

Type Number	Frequency Range (GHz)	Rated Output Power (W)
<a href="#">LD7710</a> (*1)	13.75-14.5	40
<a href="#">LD7246A</a> (*1)	13.75-14.5	125
<a href="#">LD7213series</a>	13.75-14.5	300
	14.0-14.5	300
<a href="#">LD7249 series</a>	13.75-14.5	350
	13.75-14.5	400
<a href="#">LD4581series</a> (*1)	12.75-13.25/13.75-14.5	600
	13.75-14.5	600
	14.0-14.5	600
<a href="#">LD7202series</a> (*1)	12.75-13.25/13.75-14.5	600
	13.75-14.5	600
	14.0-14.5	600
<a href="#">LD7263</a>	13.75-14.5	750
<a href="#">LD4437</a> (*1)	14.0-14.5	50
<a href="#">LD4447</a> (*1)	14.0-14.5	130
<a href="#">LD4325</a> (*1)	14.0-14.5	250
<a href="#">LD4612</a> (*1)	14.0-14.5	250
<a href="#">LD4219A</a> (*1)	14.0-14.5	1000
<a href="#">LD4346</a> (*1)	14.0-14.5	3000

(\*1) Maintenance use only



[TOP](#)

## DBS-Band

Type Number	Frequency RangeGHz)	Rated Output Power (W)
<a href="#">LD7237</a>	17.3-18.1	400
<a href="#">LD7304</a> (Under Development)	17.1-18.4	500



## K-Band

Type Number	Frequency Range (GHz)	Rated Output Power (W)
<a href="#">LD7261</a> (*1)	18.0-21.7	250

(\*1) For power testing of space-borne equipment

## Ka-Band

Type Number	Frequency (GHz)	Rated Output Power (W)
<a href="#">LD7713</a>	27.5-30.0	20
<a href="#">LD7714</a>	27.5-30.0	40
<a href="#">LD7235 series</a>	27.5-30.0	120/150/175
<a href="#">LD7279series</a>	30.0-31.0	120/150/175
<a href="#">LD7276series</a>	27.5-30.0	120 (CW) / 250 (Peak)
<a href="#">LD7293series</a>	30.0-31.0	120 (CW) / 250 (Peak)
<a href="#">LD7306series</a>	27.5-30.0	250
<a href="#">LD7314series</a> (Under Development)	27.5-30.0	250 (CW) / 350 (Peak)

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These listed values indicate typical performance.