Amplifier DLVA

FEATURES:

- ❖ Frequency Range: 0.5-18GHz
- ❖ High Dynamic Range
- ❖ Compact Size
- ❖ Good Linearity
- ❖ Precision, Reliability and Repeatability
- ❖ Economically Priced

CDL Series

SPECIFICATIONS:

RF input max…….. 20dBm
DC……..Coupled
Slope……..50mV/dB
Rise Time (10% ~ 90%)……..25ns, Typ
Falling time……200ns (max)
Recovery Time……300ns(@+5Db)
Delay Time……..<30ns
Offset……...-50mV ~ +150mV
Base noise……..200mV (max)
Video load……...50ohm or 100 ohm
Connector……SMA
Operate temperature……..-55 ~ +85˚C
We can provide all kinds of DLVA by Customer's request

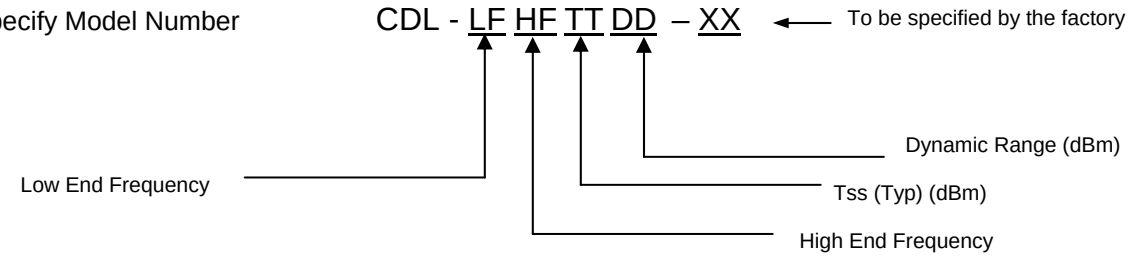
Model Number	Frequency Range (GHz)	Tss(TYP) (dBm)	Dynamic Range (dBm)	Flat-ness (±dB) Max	Linearity (±dB) Max	VSWR Max	Current (mA)	Package
CDLU50273685	0.5-2.0	-73	-68 ~ +5	1.5	1	2.2	+12V ~ 230mA -12V ~ 80mA	DL-A3
CDL020673685	2.0-6.0	-73	-68 ~ +5	2	1	2.2	+12V ~ 250mA -12V ~ 80mA	DL-A3
CDL021868655	2.0-18.0	-68	-65 ~ +5	2.5	1	2.5	+12V ~ 320mA -12V ~ 80mA	DL-A3
CDL040873685	4.0-8.0	-73	-68 ~ +5	1.5	1	2.2	+12V ~ 230mA -12V ~ 80mA	DL-A3
CDL061873705	6.0-18.0	-73	-70 ~ +5	2	1	2.3	+12V ~ 320mA -12V ~ 80mA	DL-A3

OTHER FREQUENCIES ARE ALSO AVAILABLE.
*CONSULT THE FACTORY

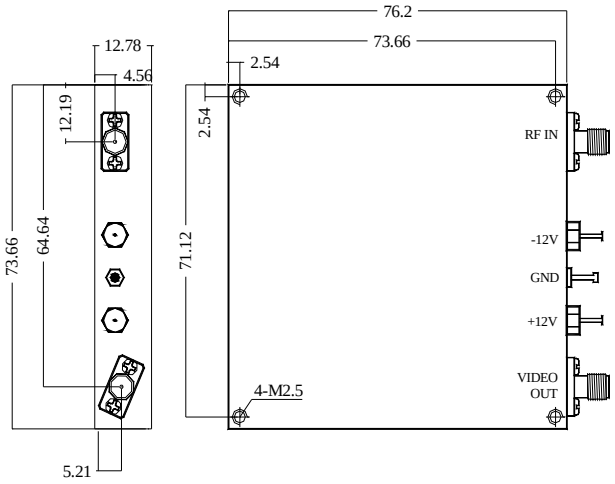
Amplifier DLVA

HOW TO ORDER:

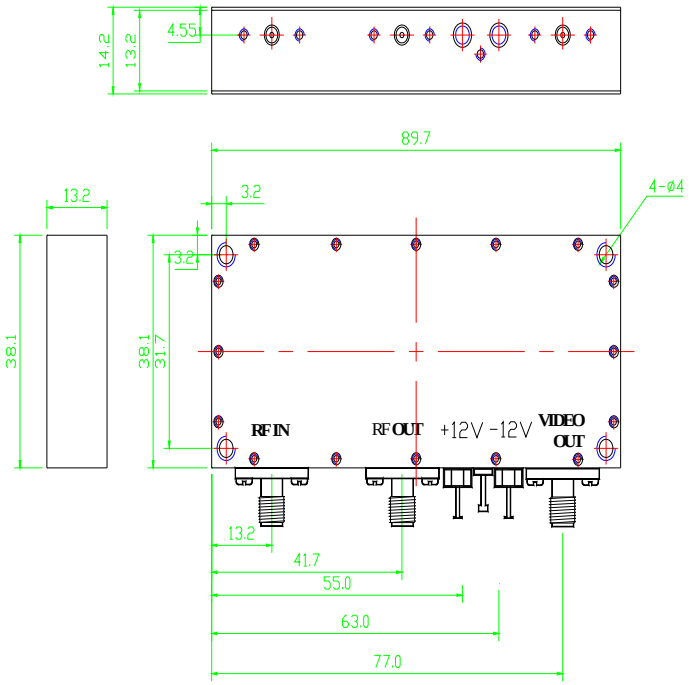
Specify Model Number CDL - LF HF TT DD – XX ← To be specified by the factory



Example: To order a CDL with Low End Frequency at 2.0 GHz and High End Frequency at 6.0 GHz with Tss 73 dBm and Dynamic range -68 to +5 dBm, specify CDL020673685-XX.


76.2
73.66
12.78
4.56
2.54
12.19
2.54
RF IN
73.66
64.64
71.12
-12V
GND
+12V
VIDEO
OUT
4-M2.5
5.21

DL-A1


14.2
13.2
4.55
89.7
13.2
3.2
4-ø4
3.2
38.1
38.1
31.7
RF IN
RF OUT
+12V
-12V
VIDEO
OUT
13.2
41.7
55.0
63.0
77.0

DL-A3