



LOW NOISE AMPLIFIER

[FLNA-42-30 - 18-26.5GHz](#)

[FLNA-42-15 - 18-26.5GHz](#)

[FLNA-28-20 - 26.5-40GHz](#)

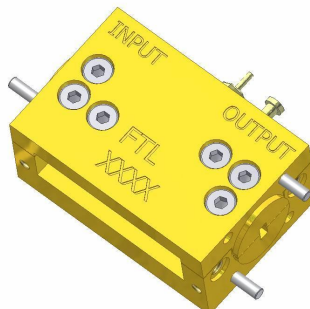
[FLNA-10-0005 - 75-110GHz](#)

Datasheet

Description

A comprehensive range of MMIC-based amplifiers covering 18-110GHz region are available. FLNA-10-0005 is a full W-band low noise amplifier.

Interfaces can be designed to suit the application as well as custom designs being available,



Features

- " Low noise figures
- " Full waveguide band
- " Single power supplies
- " Compact size

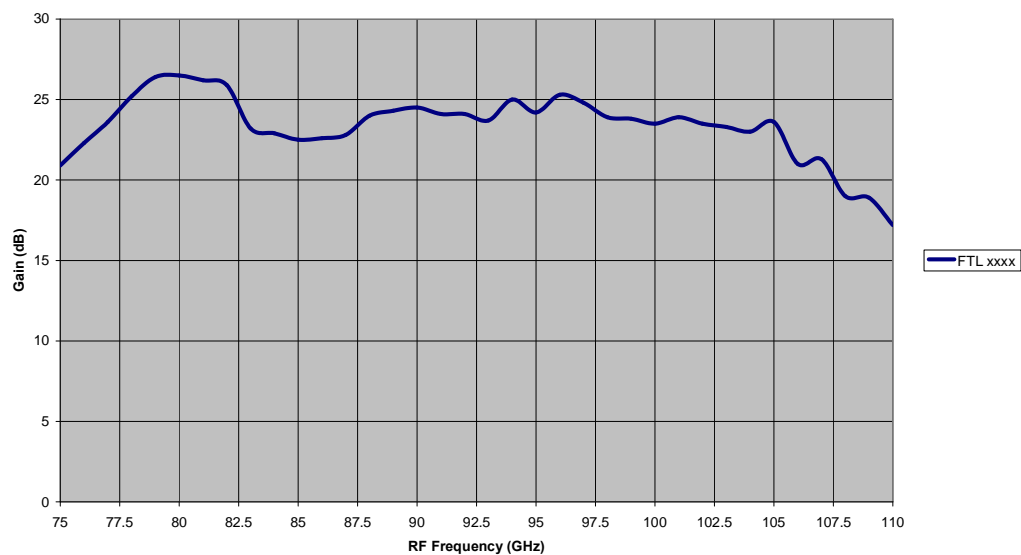
Applications

- " Communication receivers
- " Radar front ends
- " Driver amplifiers
- " Point to point communication

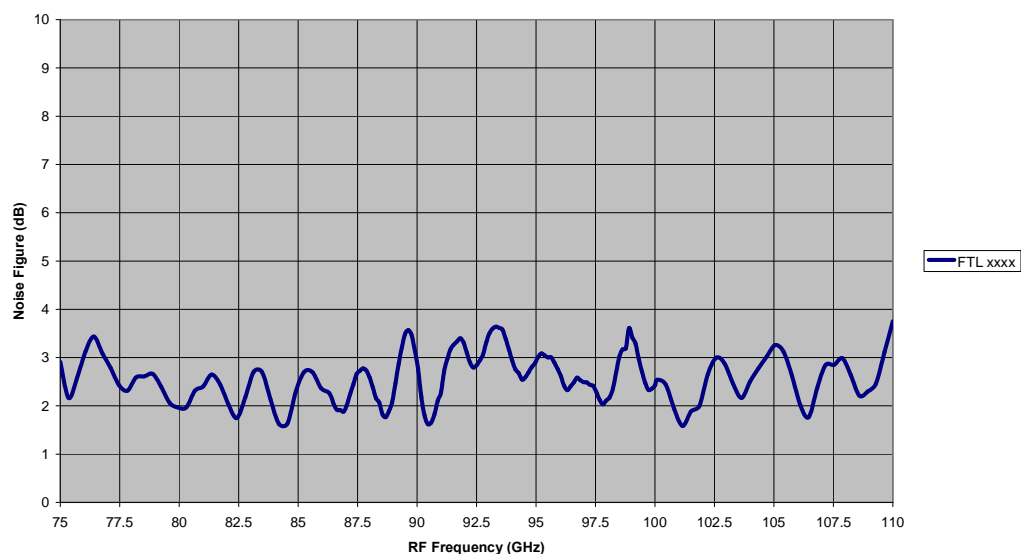
Specification	Unit	Min	Typ	Max
Frequency	GHz	75		110
Bandwidth	GHz		35	
Noise Figure	dB		4	6
Gain	dB	15	20	
DC Power	V/mA		6/50	
VSWR			2.0:1	

Datasheet

Gain v RF Frequency



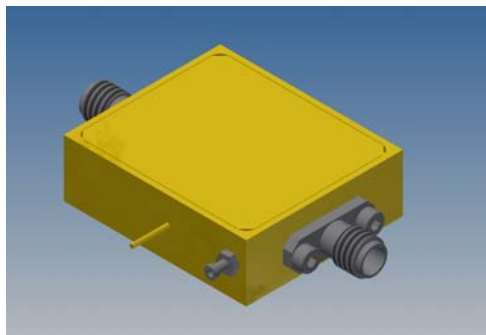
FLNA-10 Noise Figure v RF Frequency



Datasheet**Description**

A comprehensive range of MMIC-based amplifiers covering 18-110GHz region are available. The FLNA-28 is a full Ka-band low noise amplifier.

Interfaces can be designed to suit the application as well as custom designs being available,

**Features**

- Low noise figures
- Full waveguide band
- Single power supplies
- Compact size

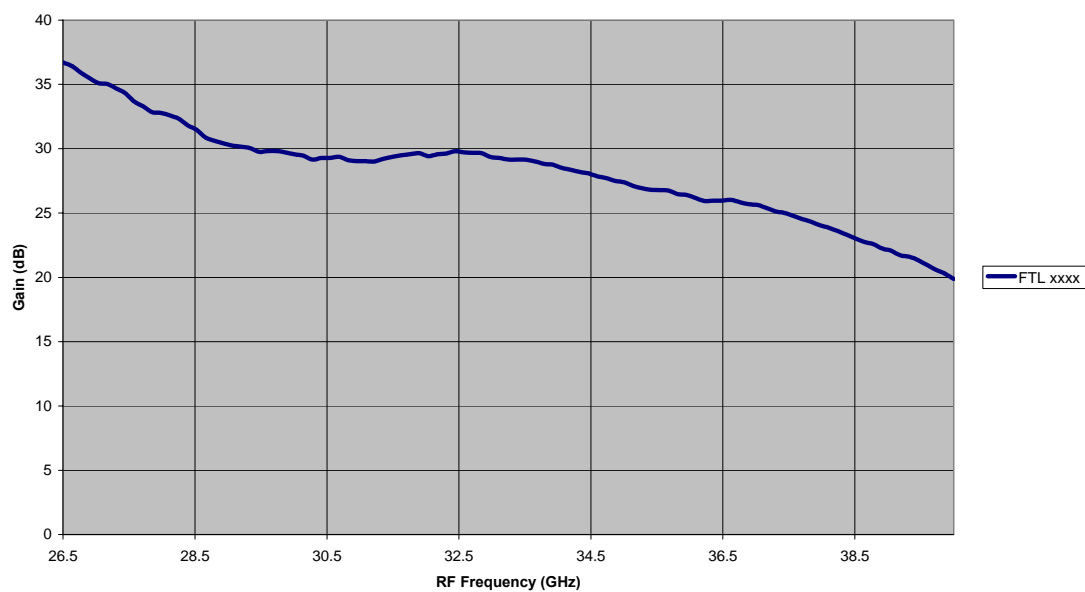
Applications

- Communication receivers
- Radar front ends
- Driver amplifiers
- Point to point communication

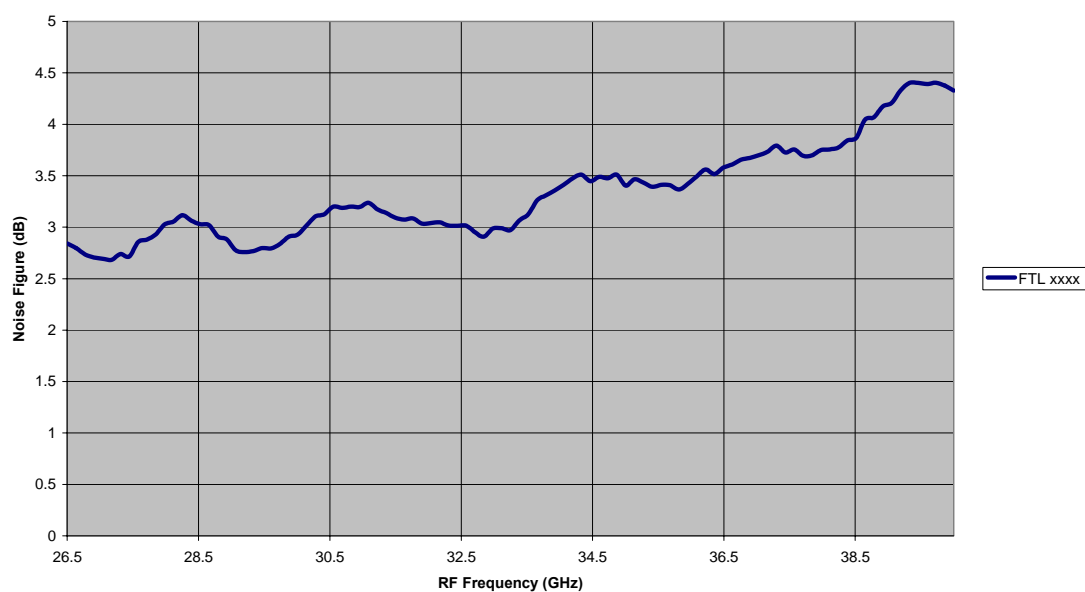
Specification	Unit	Min	Typ	Max
Frequency	GHz	26.5		40
Bandwidth	GHz		13.5	
Noise Figure	dB		4	5
Gain	dB		20	
DC Power	V/ma		8/100	
VSWR			2.0:1	

Datasheet

Gain v RF Frequency



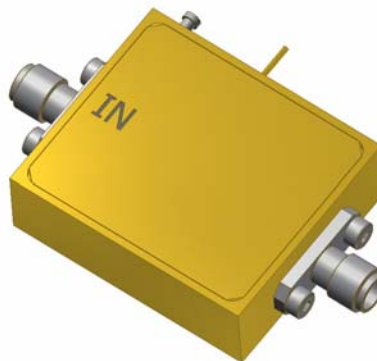
Noise Figure v RF Frequency



Datasheet**Description**

A comprehensive range of MMIC-based amplifiers covering 18-110GHz region are available. The FLNA-42 is a full K-band low noise amplifier.

Interfaces can be designed to suit the application as well as custom designs being available,

**Features**

- Low noise figures
- Full waveguide band
- Single power supplies
- Compact size

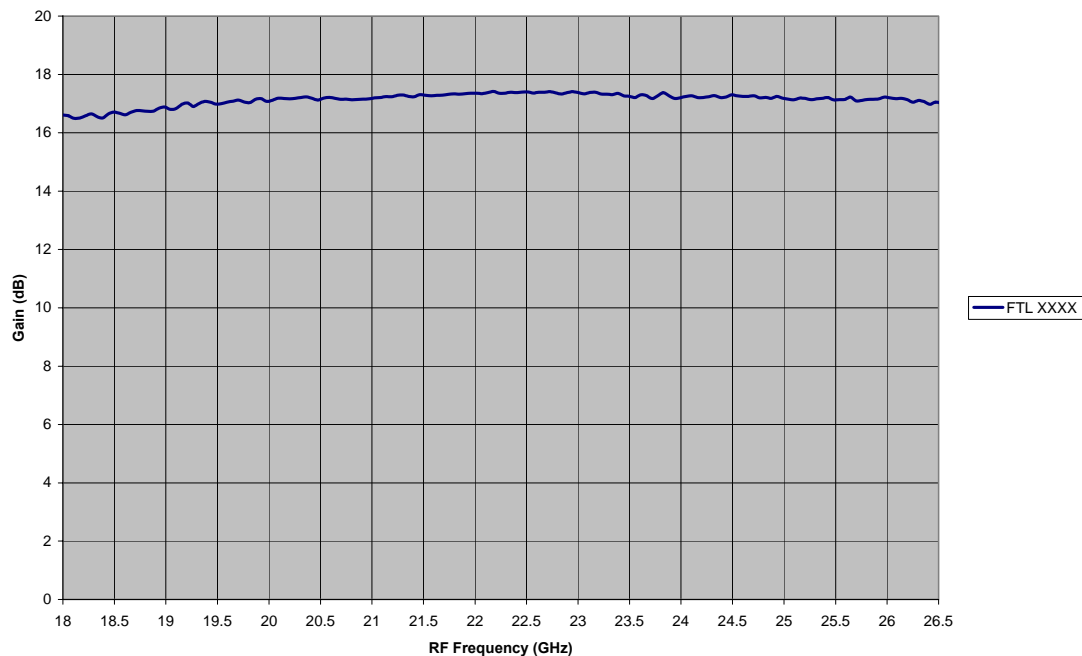
Applications

- Communication receivers
- Radar front ends
- Driver amplifiers
- Point to point communication

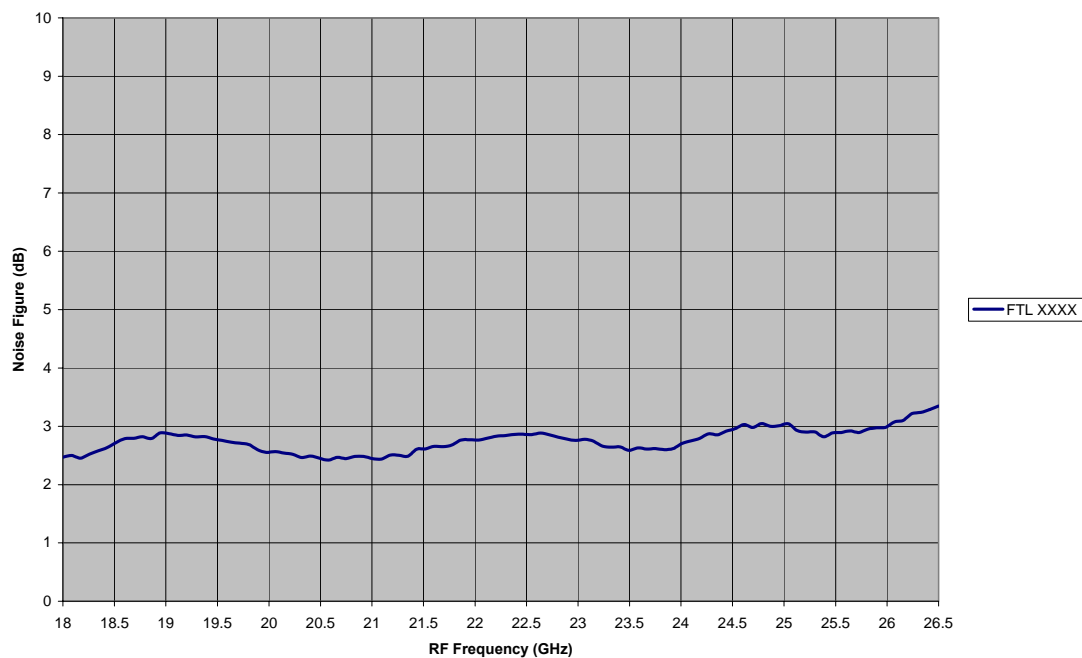
Specification	Unit	Min	Typ	Max
Frequency	GHz	18		26.5
Bandwidth	GHz		8.5	
Noise Figure	dB		3.0	3.5
Gain	dB		15	
DC Power	V/mA		8/100	
VSWR			2.0:1	

Datasheet

FTL Gain v RF Frequency



FTL Noise Figure v RF Frequency

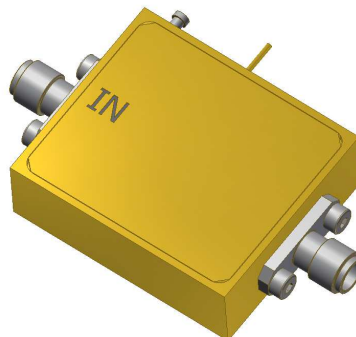


Datasheet

Description

A comprehensive range of MMIC-based amplifiers covering 18-110 GHz region are available. The FLNA-42-30 is a full K-band low noise amplifier.

Interfaces can be designed to suit the application as well as custom designs being available,



Features

- Low noise figures
- Full waveguide band
- Single power supplies
- Compact size

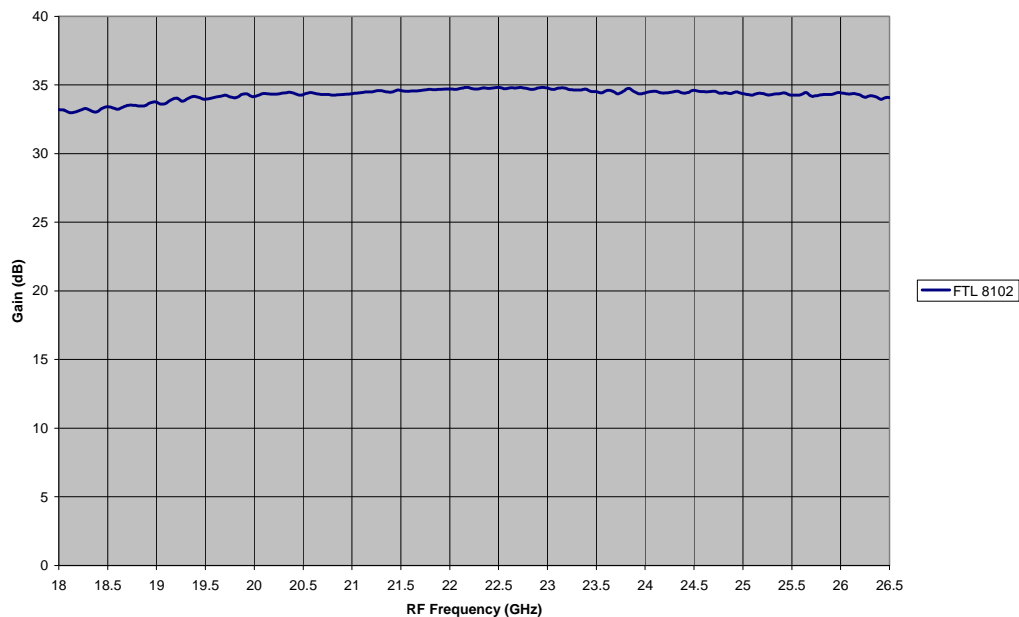
Applications

- Communication receivers
- Radar front ends
- Driver amplifiers
- Point to point communication

Specification	Unit	Min	Typ	Max
Frequency	GHz	18		26.5
Bandwidth	GHz		8.5	
Noise Figure	dB		3.0	3.5
Gain	dB		30	
DC Power	V/mA		8/200	
VSWR			2.0:1	

Datasheet

FTL8102 Gain v RF Frequency



FTL8102 Noise Figure v RF Frequency

