

# HF Low Noise Amplifier

Typ 4025



**modern engineering & design**

Edition 09/2019

rfe-global GmbH

Marie-Curie-Str. 1

26129 Oldenburg (Oldb)

Tel: +49 441 94911 655

Fax: +49 441 94911 659

E-Mail: [info@rfe-global.com](mailto:info@rfe-global.com)

**rfe-global**  
radio frequency equipment

## Typical Application Areas

- For use in receive antenna systems where single band low noise amplification is needed.
- HF band coverage 0,1MHz – 40MHz model
- Fet technology
- Low noise
- Very High dynamic range
- Burnout protected

## Technical Specification 4025:

Frequency range:	0,1 - 40 MHz
Amplitude flatness:	14 dB
Noise figure:	±1dB
P1dB:	Typ. 4dB @10MHz
Output intercept point -2 <sup>nd</sup> order:	+30dBm
Output intercept point -3 <sup>rd</sup> order:	+53dBm
Output for rated OIPs:	+44dBm
SWR input/output (50 Ω):	+0dBm
Maximum input signal	<2:1
-CW:	0.5Watt
-Pulse:	5Watts @t < 10seconds
Power Supply: -DC power:	12Volt
Max power consumption: -DC power:	300mA
Connectors:	
-RF input/output	N,BNC,TNC or UHF sockets
-Power DC	Solder Feed through Terminal
Dimensions:	
-With:	152mm (6")
-Depth:	137mm (5.4")
-Height:	35mm (1.4")
Temperature:	
-Operating	0 to 70°C
-Storage	-20 to 90°C
Options:	24 Volt

Der Hersteller behält sich technische Änderungen vor.

Hersteller:



COMM-Connect A/S  
Raasigvangen 2  
3550 Slangerup  
Dänemark

Vertrieb durch:

**rfe-global**  
radio frequency equipment

rfe-global GmbH  
Marie-Curie-Str. 1  
26129 Oldenburg (Oldb)  
Deutschland