RF2K

Inp.
SMA

SMA

ATU - Rx / Tx

TRX

SMA
RF Mon

Bypass
(optional)

Ant 1
Ant 2
Ant 3
Ant 4

10 pin

LPF

Outp.
RF -
Sense
Inp.

Outp.

SWR
Bridge

Fwd Pow

+ 50V

16 pin

700 V

SMA

10 pin

RF 2K - S Controller

RF Sensor

PowerSupply
+ 50V

50V

AC

Conn. Board

PowerSupply
700 V
12 V
5 V

+ 12V

+ 5V

32,768 KHz

16 MHz

+ 5V

7" Touchscreen Display

100/230 V~
50 / 60 Hz

F1

Fan LPF
Fan 1
Fan 2
Fan 3
PA

10 pin

Ext.
Interface

15 pol SUB D

PTT

Cynch

Ext + 12V

Cynch

+ 5V

USB A

HDMI

Micro USB

CAT

USB A

Raspberry 4

HDMI

USB A

Touch

LAN

RJ 45

On/Off

RF2K_S_PA.spl7

Datum:		gez.:	gepr.:
26.10.2020	**Block Diagram RF2K - S**	Lutz	DH3NAB