



## Features

- band selective RF amplifier
- duplex and semiduplex communication in 160 MHz band
- linear RF power amplifier in DL
- ALC in UL

## Technical Specifications

Type	BX 401	
Frequency range	MHz	140 ÷ 175 *)
Bandwidth	MHz	0.5 ÷ 1.5 *)
Duplex spacing	MHz	4.5 ÷ 6.5 *)
Input RF power	dBm	-20 ÷ -95
DL output RF power for one carrier	dBm	max. 40
UL output RF power for one carrier	dBm	-10 ÷ +3 (adjustable, controlled by ALC)
RF gain	dB	20 ÷ 40 (adjustable in 2 dB steps)
Group delay	µs	< 1.5
Noise figure	dB	< 4
VSWR		< 1.5
Impedance	Ω	50
Power supply	V / A	24 / 4 DC
Ingress protection		IP 54
Operating temperature	°C	-25 ÷ +55
Dimensions w × h × d	mm	400 × 500 × 210
Weight	kg	~ 25
Connectors type		N female

\*) Will be adjusted according to customer's specification.