

# VALUE LINE distribution amplifiers

- GaAs-technology
- High gain, low noise
- Return path 30/65 MHz
- One or two outputs jumper
- Equalization/attenuation 0-18 dB
- Test sockets at in- and output
- Aluminium die-cast housing
- Splaswater protected
- Low power consumption

## VX 20 B



## VX 21 P



## VX 22 A



Type	VX 20 B Push pull	VX 21 P Push pull Remote powered	VX 22 A Power doubling
<b>Frequency range</b>	47/85-862 MHz	47/85-862 MHz	47/85-862 MHz
<b>Gain</b>	35 dB +/-1.5	35 dB +/-1.5	35 dB
<b>Output level CENELEC, flat</b>	104 dB $\mu$ V	104 dB $\mu$ V	107 dB $\mu$ V
<b>Output level CENELEC, 6 dB slope</b>	106 dB $\mu$ V	106 dB $\mu$ V	110 dB $\mu$ V
<b>Output level EN 50083-3</b>	123 dB $\mu$ V	123 dB $\mu$ V	125 dB $\mu$ V
<b>Output level EN 50083-3 2.nd order</b>	121 dB $\mu$ V	121 dB $\mu$ V	119 dB $\mu$ V
<b>Equalizer, attenuator</b>	0-18 dB	0-18 dB	0-18 dB
<b>Test socket (input, output)</b>	-20 dB	-20 dB	-20 dB
<b>Noise figure</b>	$\leq 6$ dB	$\leq 6$ dB	$\leq 6$ dB
<b>Return loss (input / output)</b>	18 dB -1.5 dB/Oct., >14 dB	18 dB -1.5 dB/Oct., >14 dB	18 dB -1.5 dB/Oct., >14 dB
<b>RF-connectors</b>	F-type	PG 11	F-type
<b>Ambient temperature</b>	-20°C...+55°C	-20°C...+55°C	-20°C...+55°C
<b>Remote feed voltage</b>	-	27-65 VAC, 50/60 Hz	-
<b>Operating voltage</b>	207-253 VAC, 50/60 Hz	-	207-253 VAC, 50/60 Hz
<b>Power consumption</b>	6.9 W	6.5 W	12 W
<b>Dimensions</b>	244 x 134 x 84 mm	244 x 134 x 84 mm	244 x 134 x 84 mm
<b>EMC</b>	CE, Class A	CE, Class A	CE, Class A
<b>Packing unit</b>	1 piece, 11.3 dm <sup>3</sup> , 1.8 kg	1 piece, 11.3 dm <sup>3</sup> , 1.8 kg	1 piece, 11.3 dm <sup>3</sup> , 1.8 kg