

## In-house distribution amplifiers

- Improved intermodulation resistance due to dynamic feedback circuit
- Return path 5-30/5-65 MHz

**VX 84 A**

**VX 84 A  
0650**



**VX 84 B**

**VX 84 B  
0650**



**VX 85 A**

**VX 85 A  
0650**



Type	VX 84 A In-house distribution amplifier	VX 84 A 0650 In-house distribution amplifier	VX 84 B In-house distribution amplifier	VX 85 A In-house distribution amplifier
<b>RF input /output</b>	F-type	F-type	F-type	F-type
<b>Frequency range (Typ 0300)</b>	47-862 MHz	-	47-862 MHz	47-862 MHz
<b>Frequency range (Typ 0650)</b>	-	87.5-862 MHz	-	-
<b>Passive return path (Typ 300)</b>	5-30 MHz	-	5-30 MHz	5-30 MHz
<b>Passive return path (Typ 0650)</b>	-	5-65 MHz	-	-
<b>Gain</b>	18-21 dB, T - 20 dB	18-21dB, T - 20 dB	18-21 dB, T - 20 dB	10 dB
<b>Equalization</b>	3 dB	3 dB	-	
<b>Equalization, variable</b>	-	-	3-18 dB	
<b>Amplitude frequency response</b>	±2 dB	±2 dB	±2 dB	±2 dB
<b>Output level at 60 dB IMR 3.rd order</b>	113 dBµV	113 dBµV	113 dBµV	113 dBµV
<b>Output level at 60 dB IMR 2.nd order</b>	102 dBµV	102 dBµV	102 dBµV	102 dBµV
<b>Output level CENELEC 42 channels (EN 50083-3)</b>	95 dBµV	95 dBµV	95 dBµV	95 dBµV
<b>Power supply</b>	230 VAC, 50/60 Hz	230 VAC 50/60 Hz	230 VAC, 50/60 Hz	230 VAC, 50/60 Hz
<b>Power consumption</b>	3 W	3.5 W	3 W	2 W
<b>Operating temperature</b>	0°C ...+55°C	0°C ...+55°C	0°C ...+55°C	0°C ...+55°C
<b>Dimensions</b>	180 x 93 x 49 mm	180x93x49 mm	180 x 93 x 49 mm	180 x 93 x 49 mm
<b>Packing unit</b>	1 piece, 1.42 dm <sup>3</sup>	1 piece, 1.42 dm <sup>3</sup>	1 piece, 1.42 dm <sup>3</sup>	1 piece, 1.42 dm <sup>3</sup>
<b>Shipping package</b>	10 pieces, 17 dm <sup>3</sup> , 5.6 kg	10 pieces, 17 dm <sup>3</sup> , 5.6 kg	10 pieces 17 dm <sup>3</sup> , 5.6 kg	10 pieces, 17 dm <sup>3</sup> , 5.6 kg
<b>EMC</b>	CE	CE	CE	CE

