

## Return Path Amplifiers Block Diagram

### Return path amplifiers

- Suitable for the in-house distribution amplifiers VOS 30/F and VOS 40/F
- Must be ordered separately (not in the scope of delivery of VOS x0/F)
- Variable equalizer (0-20 dB) and variable attenuator (0-20 dB) on output
- Admissible ambient temperature: -20 to +55 °C



Type		VGR 28/30	VGR 28/65
Order no.		20910008	20910009
Frequency range		5-30	5-65
Gain	dB	28	
Max. Output level	60 dB IM3	dB $\mu$ V	
	60 dB IM2	dB $\mu$ V	
Input level density*)	dB $\mu$ V/Hz	Typ. -6	
Dynamic range (input level density)	dB	Typ. 18	
Noise figure	dB	5	
Adjustment range of gain	dB	0-20	
Adjustment range of equalisation	dB	0-20	
Dimensions	mm	130 x 17 x 38	
Packing/Weight	pc/kg	1 (10)/0.08	

\*) CINR at 55 dB range (EN 50083-3/A1, sect. 4.7)

### Block diagram VOS 40/F with VGR 28/xx

