



3DH3228-AR - 85/105 & 204/258 MHz

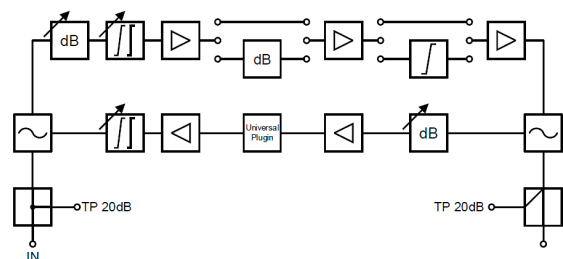
HOUSE CONNECTION
AMPLIFIERS

3DH3228-AR

The 3DH3228-AR platform is a 1.2 GHz House Connection Amplifier available with two upstream options: 85 MHz (3DH3228-AR085) and 204 MHz (3DH3228-AR204). Designed for connections around the subscriber premises, it delivers stable performance in both residential and multi-dwelling environments. Its compact, robust housing ensures durability and easy installation, supporting reliable operation across varied deployment scenarios.

3DH3228-AR features:

- 85/105 and 204/258 MHz fixed band splits
- 32 dB Downstream gain / 28 dB Upstream gain
- GaAs FET & GaAs pHEMT technology in use for best linearity
- Low upstream noise figure
- Attenuator & Equalizer controls using electrical step attenuators
- Downstream mid-stage gain & slope selectors
- Excellent ESD & Surge protection



TELESTE

HOME AMPLIFIER / 3DH3228-AR

TECHNICAL SPECIFICATIONS ⁽¹⁾			
Downstream signal path		Upstream signal path	
Frequency range	105/258...1218 MHz	Frequency range	5...85/204 MHz
Gain	32 dB	Gain	28 dB
Return loss	18 dB	Return loss	18 dB
Input attenuator	0...15 dB	Input attenuator	0...15 dB
Input equalizer	0...15 dB	Interstage attenuator	JDA
Interstage attenuator	0 dB/6 dB	Interstage equalizer	-
Interstage equalizer	0 dB/10 dB	Output equalizer	0...15 dB
Noise figure	8 dB	Noise figure	6 dB
U _{max}	101 dBμV	U _{max} (in)	79 dBμV
GENERAL SPECIFICATIONS ⁽¹⁾			
Connectors	F female, external	Dimensions	21 × 13 × 6.3 cm (w × h × d)
Test points	20 dB	Operating temperature	-20...+55 °C
Supply voltage	205...255 VAC	ESD	4 kV
Power consumption	≤ 9 W	Surge	2.5 kV
NOTES			
(1) Typical values, please contact a Teleste representative for further information.			
ORDERING INFORMATION			
3DH3228-AR085	House connection amplifier, 85/105...1218 MHz, with 230 VAC power supply, equipped with a euro plug, 4 x F female connectors, and a 0 dB universal plugin		
3DH3228-AR204	Same as above but with 204/258...1218 MHz split		
INSIGHTS			
<p>// PERFORMANCE AT THE PREMISES...</p> <p>Our House Connection Amplifiers combine compact, rugged design with the reliability demanded in modern household distribution networks. Built for cost-efficient rollouts and effortless installation, they offer a dependable, high-performance solution wherever stability and ease of use matter most.</p>		<p>// PROVEN RELIABILITY...</p> <p>Teleste brings decades of field-proven deployments built on tested designs and carefully selected components that ensure long-lasting performance. Our strength lies in listening closely to operators' needs and creating tailored solutions using trusted building blocks that have demonstrated their reliability over time.</p>	

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3DH3228-AR204_260217

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