

3VHA-AR - 1218-85/204 MHz
4-outputs, 2 Data, 2 TV ports

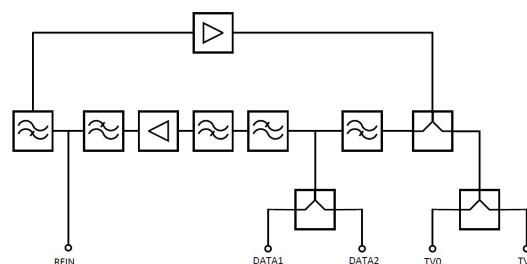
HOME AMPLIFIERS

3VHA-AR

The 3VHA-AR platform is a 1.2 GHz DOCSIS® 3.1 amplifier with 4 Ports. The products come equipped with 2 bidirectional data ports and 2 unidirectional TV ports. The 3VHA-AR085 has an 85 MHz, and the 3VHA-AR204 a 204 MHz upstream path. The amplifier comes with a highly efficient power supply designed for eco-friendly operation, saving energy without compromising performance, capacity, or stability.

3VHA-AR platform features

- Frequency range up to 1218 MHz, DOCSIS® 3.1 compliant
- 4 user ports compact amplifier
- Outer plastic housing to secure against electrical contacts
- Forward path with differentiated gain according to ports
- Energy saving power supply
- Data ports equipped with 75 Ohm terminators
- Fixed power cord



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HOME AMPLIFIER / 3VHA-AR

TECHNICAL SPECIFICATIONS ⁽¹⁾			
Downstream signal path		Upstream signal path	
Frequency range	105/258...1218 MHz	Frequency range	15...85/204 MHz
Gain		Gain	
DATA1	2.5 dB	DATA1	1 dB
DATA2	2.5 dB	DATA2	1 dB
TV0	0 dB		
TV1	4 dB		
Return loss	18 dB	Return loss	18 dB
Noise figure	≤ 6.5 dB	Noise figure	≤ 15 dB
Isolation	25...30 dB	Ingress suppression	30 dB
U _{max}	84-88 dBμV		
GENERAL SPECIFICATIONS ⁽¹⁾			
Connectors	F female, moulded	Dimensions	20.5 × 8 × 4 cm (w × h × d)
Supply voltage	220...240 VAC	Operating temperature	-5...+40 °C
Power consumption	4 W	ESD	4 kV
Surge	1 kV		
NOTES			
(1) Typical values, please contact a Teleste representative for further information.			
ORDERING INFORMATION			
3VHA-AR085	Home amplifier, 15...1218 MHz, with 85 MHz upstream path. F termination on both DATA ports and customer specific logo.		
3VHA-AR204	Same as above, but with 204 MHz upstream path.		
INSIGHTS			
 NO NEED FOR ALIGNMENT...		 LOGISTICS...	
<p>Everyone demands ease of installation. That's why our Home Amplifiers require no alignment or adjustments — just power them on.</p>		<p>Home Amplifiers are delivered in high volumes, and fast deliveries are essential. Teleste's logistics services are tailored and aligned with each customer's requirements.</p>	

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TELESTE CORPORATION
www.teleste.com

Home Amplifier 3VHA-AR_260209

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