



Home amplifier - 6-outputs,  
4 Data, 2 TV ports

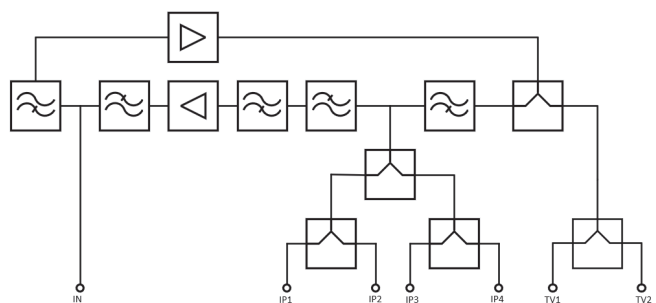
## HOME AMPLIFIERS

# 3NIU-X04-AR085

The 3NIU-X04-AR085 is a 6-output Home Amplifier featuring two unidirectional TV ports and four bidirectional DATA ports designed for systems with a 15-85/105-1218 MHz band split. The amplifier comes with a highly efficient power supply designed for eco-friendly operation, saving energy without compromising performance, capacity, or stability.

### 3NIU-X04-AR085 features:

- Frequency range up to 1218 MHz
- DOCSIS® 3.1 compatible amplifier
- 4 bidirectional DATA ports
- 2 unidirectional TV ports
- Outer plastic cover to secure against electrical contacts
- Energy saving power supply
- Low noise figure
- Data ports equipped with 75  $\Omega$  terminators
- Fixed power cord with an earth connection and internal surge protections



**TELESTE**

## HOME AMPLIFIER / 3NIU-X04-AR085

TECHNICAL SPECIFICATIONS <sup>(1)</sup>			
Downstream signal path		Upstream signal path	
Frequency range	105...1218 MHz	Frequency range	15...85 MHz
Gain	CM1...CM4 DS1...DS2	Gain	CM1...CM4
	0.5 dB 4 dB		1 dB
Return loss	18 dB	Return loss	18 dB
Noise figure	≤ 6 dB	Noise figure	1.2 dB
Isolation	25...30 dB	Ingress suppression	35 dB
U <sub>max</sub>	80-84 dBμV		
GENERAL SPECIFICATIONS <sup>(1)</sup>			
Connectors	F female, moulded	Dimensions	22 × 9 × 3.5 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			
3NIU-X04-AR085	1.2 GHz Home Amplifier with 85 MHz upstream path, 6 outputs, 2 unidirectional TV and 4 bidirectional DATA, F-terminators on all DATA ports.		
INSIGHTS			
 <h3>ENVIRONMENTAL FRIENDLINESS...</h3> <p>At Teleste, we aim to design environmentally conscious products by reducing material volumes, cutting energy consumption, extending the life cycle of the network infrastructure as a whole, and continually improving product quality.</p>			

# TELESTE

TELESTE CORPORATION  
www.teleste.com

Home Amplifier 3NIU-X04-AR085\_260205

Copyright © 2026 Teleste Corporation. All rights reserved. Teleste and the Teleste logo are registered trademarks of Teleste Corporation. Other product and service marks are property of their respective owners.

Teleste reserves the right to make changes to any features and specifications of the products without prior notice. Although the information in this document has been reproduced in good faith, the contents of this document are provided "as is". Teleste makes no warranties of any kind in relation to the accuracy, reliability or contents of this document, except as required by applicable law.