



Home amplifiers

## NIU-WO/T1

The NIU-WO/T1 is a wall-outlet amplifier for indoor use with surge arrester and thermal fuse. This product has 1 interactive port and has been built in a rugged die-cas housing for high screening efficiency and protected with a smart plastic cover.

### NIU-WO/T1 features

- Good isolation
- High screening efficiency



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## HOME AMPLIFIERS / NIU-WO/T1

TECHNICAL SPECIFICATIONS			
Downstream signal path		Upstream signal path	
Frequency range		Frequency range	15...65 MHz
Return loss		Return loss	18 dB <sup>(2)</sup>
IN, DS	88...862 MHz		
CM, TV	108...862 MHz		
FM	88...108 MHz		
Gain		Gain	-1 dB
CM	88...862 MHz	CM	
TV	108...862 MHz		
DS	88...862 MHz		
FM	88...108 MHz		
Flatness	< 1 dB	Flatness	+/- 0.5 dB
Isolation		Isolation	
CM-DS	87...862 MHz	CM-DS	30 dB
CM-TV	87...862 MHz	CM-TV	30 dB
CM-FM	87...862 MHz	CM-FM	30 dB
DS-TV	87...862 MHz	CM-IN	40 dB
		5...10 MHz	
Noise figure	< 7.5 dB	Group Delay	
Group delay	82...108 MHz	15...17 MHz	42 ns
		63...65 MHz	6 ns
HUM modulation	> 70 dBc	HUM modulation	> 70 dBc
GENERAL SPECIFICATIONS			
Impedance	75 Ohm	Input / output connectors	molded F-female acc. to IEC61169-24
Supply voltage DC	198...253 VAC	Dimensions L x W x H	205,5 x 73 x 40 mm
Housing	diecast, ABS plastic cover	Class of enclosure	IP20
EMC compatibility	IEC50083-2	Screening effectiveness	Class B
NOTES			
(1) The limiting curve is defined at 80 MHz -1.5 dB/octave.			
(2) The limiting curve is defined at 40 MHz -1.5 dB/octave			
ORDERING INFORMATION			
NIU-WO/T1	Amplifier		

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TELESTE CORPORATION

[www.teleste.com](http://www.teleste.com)

NIU-WO/T1\_190215\_v01

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