



3DK4432-AR204 - 1218/204 MHz

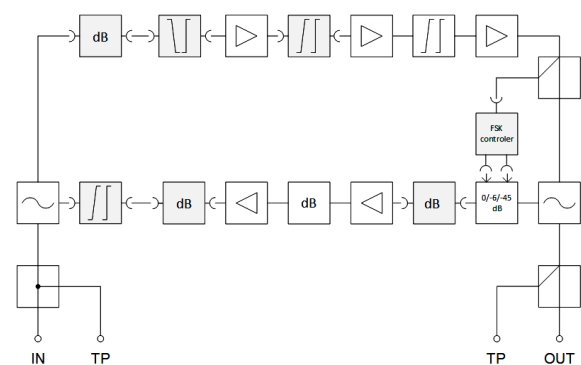
HOUSE CONNECTION
AMPLIFIERS

3DK4432-AR204

The 3DK4432-AR204 is a House Connection Amplifier for 1218 MHz downstream and 204 MHz upstream. The amplifier is locally powered and uses jumpers and JXP attenuators for easy alignment. Designed for Network Level 4, the amplifier has low noise figures and is optimized for high upstream RF levels while simultaneously providing excellent MER/BER performance in both directions.

3DK4432-AR204 features:

- Wide application range, including network level 4 (NE4)
- Compact and robust housing
- Easy installation and alignment
- Low noise figure in both directions
- High performance for full digital payload applications
- Either manual or remote ingress switching with an optional module



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HOME AMPLIFIER / 3DK4432-AR204

TECHNICAL SPECIFICATIONS ⁽¹⁾			
Downstream signal path		Upstream signal path	
Frequency range	258...1218 MHz	Frequency range	5...204 MHz
Gain	44 dB	Gain	32 dB
Return loss	≥ 18 dB	Return loss	≥ 18 dB
Input attenuator	JXP pad	Input attenuator	JXP pad
Cable simulator	JXP pad	Interstage attenuator	-
Interstage equalizer 1	JXP pad	Interstage equalizer	JXP pad
Interstage equalizer 2	0 dB/7 dB	Output attenuator	JXP pad
Noise figure	5.5 dB	Noise figure	5.5 dB
U_{max}	≥ 109 dBμV	U_{max} (in)	76 dBμV
GENERAL SPECIFICATIONS ⁽¹⁾			
Connectors	F female, 5/8" threads	Dimensions	22 × 21 × 8 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	1 kV
NOTES			
(1) Typical values, please contact a Teleste representative for further information.			
ORDERING INFORMATION			
3DK4432-AR204	House connection amplifier, 5...1218 MHz, with 230 VAC power supply, equipped with a euro plug, 4 x F female connectors, and 0 dB JXP pads		
OPTIONAL ACCESSORIES			
CXT001	RIS receiver, to be used with HDM155 controller		
CXT002	Ingress switching local service tool		
CXTx	RIS receiver, customer specific option		
C7/C8 cord	Power cable with C7/C8 connectors and euro plug		
		CXT001	
		CXT002	

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3DK4432-AR204_260225

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