

Triax indoor distribution amplifiers

IFA distribution amplifiers - without return path

- compact indoor distribution amplifier in a modern white shielded plastic housing for indoor use only.
- Recommended for low channel density (MATV).



IFA amplifier housing

Technical data on IFA distribution amplifiers

TYPE Part No.		IFA 218 339218	IFA 219 339219	IFA 220 339220
Forward path				
Frequency range	MHz	47 - 862	47 - 862	47 - 862
Gain 47-862 MHz	dB	11	0-20	0-17
Noise figure	dB	< 5.5	< 6.0	< 6.0
Linearity	dB	± 1.0	± 1.5	± 1.5
Slope	dB			
Equalizer	dB		0-18	0-18
Outputs	pcs	1	1	2
Output level				
60 dB 3 order (DIN 45004B)	dB μ V	114.0	112.0	108.0
60 dB 2 order (DIN 45004A1)	dB μ V	104.0	104.0	100.0
60 dB CTB ¹⁾	dB μ V	96.0	96.0	92.0
60 dB CSO ¹⁾	dB μ V	96.0	96.0	92.0
Return loss @ 47 MHz, -1.5 dB/octave	dB	> 14	> 14	> 14
Return path				
Frequency range	MHz			
Through loss	dB			
General				
Power supply	VDC	230 ± 10%	230 ± 10%	230 ± 10%
Power consumption	W	3.0	3.0	3.0
Shielding efficiency VHF	dB	75	75	75
Shielding efficiency UHF	dB	65	65	65
Connectors		F-connector	F-connector	F-connector
Certification		CE	CE	CE
Impedance	Ohm	75	75	75
Operation temperature range	°C	0...+50	0...+50	0...+50
Weight	kg	0.400	0.400	0.400
Dimensions (h x d x w)	mm	61 x 44 x 118	61 x 44 x 118	61 x 44 x 118

1) DIN/EN 50083 Part 3 CTBA (Composite triple beat ratio) @ 60 dB IMR, CENELEC-raster 42 channels