

Triax IFA 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).



Technical data on IFA distribution amplifiers

TYPE Art. 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				
IMD 3 in acc. with EN 50083-3	dBμV	114.0	112.0	108.0
IMD 2 in acc. with EN 50083-3	dBμV	104.0	104.0	100.0
60 dB CTB ¹⁾	dBμV	96.0	96.0	92.0
60 dB CSO ¹⁾	dBμV	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) EN 50083 Part 3 CTB (Composite triple beat) @ 60 dB IMR, CENELEC-raster 42 channels