

Triax indoor distribution amplifiers



IFA amplifier housing

IFA distribution amplifiers - with 5-30 and 5-65 MHz 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 Part No.		IFA 212 339212	IFA 213 339213
Forward path			
Frequency range	MHz	47 - 862	87 - 862
Gain @ 47 or 87 MHz/@ 862 MHz	dB	0-20	0-20
Noise figure	dB	< 6.0 (typical 4.5)	< 6.0 (typical 5.5)
Linearity	dB	± 1.5	± 1.5
Slope	dB		
Equalizer	dB	0-18	0-18
Outputs	pcs	1	1
Output level			
60 dB 3 order (DIN 45004B)	dBμV	112.0	112.0
60 dB 2 order (DIN 45004A1)	dBμV	104.0	104.0
60 dB CTB ¹⁾	dBμV	96.0	96.0
60 dB CSO ¹⁾	dBμV	96.0	96.0
Return loss, -1.5 dB/octave	dB	> 14 @ 47 MHz > 12.3 @ 87 MHz	
Return path			
Frequency range	MHz	5 - 30	5 - 65
Through loss	dB	1.0	1.0
Linearity	dB	± 1.0	± 1.0
General			
Power supply	VDC	230 ± 10%	230 ± 10%
Power consumption	W	3.0	3.0
Shielding efficiency VHF	dB	75	75
Shielding efficiency UHF	dB	65	65
Connectors		F-connector	F-connector
Certification		CE	CE
Impedance	Ohm	75	75
Operation temperature range	°C	0...+50	0...+50
Weight	kg	0.400	0.475
Dimensions (h x d x w)	mm	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