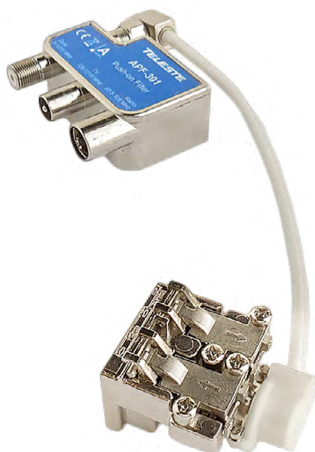


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Indoor RF passives

Fully Isolated Clamp Outlet and Filter **APG-series**

The APG is a unique modular approach for next generation wall outlets. It consists of a galvanic isolator, filter and installation brackets and covers enabling it to be fitted into a wide range of modular systems.



APG-series features

- Frequency range 5-1218 MHz
- Class A screening effectiveness
- Outstanding RF performance
- Ultra low leakage current
- Nickel plated housing/contacts

TELESTE

INDOOR RF PASSIVES / APG-SERIES

ELECTRICAL SPECIFICATIONS - API FULLY ISOLATED CLAMP OUTLET + F301 FILTER							
	APG062	APG102	APG132	APG152	APG172	APG202	
INSERTION LOSS (dB, Max.) - IN TO OUT							
Frequency (MHz)							
5 - 10	-	3.6 ± 0.5	1.7 ± 0.5	1.0 ± 0.5	0.9 ± 0.5	0.8 ± 0.5	0.8 ± 0.5
10 - 470	-	3.5 ± 0.5	1.6 ± 0.5	0.9 ± 0.5	0.8 ± 0.5	0.7 ± 0.5	0.7 ± 0.5
470 - 862	-	3.8 ± 0.5	1.8 ± 0.5	1.2 ± 0.5	1.0 ± 0.5	1.0 ± 0.5	1.0 ± 0.5
862 - 1006	-	4.0 ± 0.5	2.0 ± 0.5	1.4 ± 0.5	1.3 ± 0.5	1.2 ± 0.5	1.2 ± 0.5
1006 - 1218	-	4.1 ± 0.7	2.2 ± 0.7	1.4 ± 0.7	1.4 ± 0.7	1.3 ± 0.7	1.3 ± 0.7
INSERTION LOSS (dB, Max.) - IN TO TV							
5 - 65	>40.0	>50.0	>50.0	>55.0	>55.0	>55.0	>55.0
120 - 862	4.9	9.0	12.5	14.5	17.0	19.7	19.7
862 - 1006	5.4	9.5	13.0	15.0	17.5	20.0	20.0
1006 - 1218	6.3	10.8	13.5	15.5	17.8	20.5	20.5
INSERTION LOSS (dB, Max.) - IN TO DATA							
5 - 65	4.0	7.7	12.0	13.8	16.3	19.2	19.2
120 - 862	4.5	8.5	12.1	14.3	16.4	19.5	19.5
862 - 1006	5.0	9.0	12.2	14.5	16.6	19.7	19.7
1006 - 1218	5.5	10.0	12.4	14.8	16.9	19.9	19.9
INSERTION LOSS (dB, Max.) - IN TO FM							
5 - 65	>40.0	>45.0	>50.0	>50.0	>52.0	>55.0	>55.0
87,5 - 108	6.0	9.0	14.0	16.0	18.0	22.0	22.0
ISOLATION (dB, Min.) - OUT TO TV							
5 - 65	-	60.0	60.0	60.0	60.0	60.0	60.0
120 - 862	-	28.0	28.0	30.0	30.0	32.0	32.0
862 - 1006	-	26.0	26.0	30.0	30.0	32.0	32.0
1006 - 1218	-	22.0	24.0	27.0	27.0	30.0	30.0
ISOLATION (dB, Min.) - OUT TO DATA							
5 - 65	-	21.0	26.0	26.0	28.0	32.0	32.0
65 - 862	-	28.0	28.0	30.0	30.0	32.0	32.0
862 - 1006	-	27.0	27.0	29.0	30.0	31.0	31.0
1006 - 1218	-	21.0	24.0	26.0	27.0	28.0	28.0
ISOLATION (dB, Min.) - OUT TO FM							
87.5 - 108	-	30.0	30.0	37.0	32.0	36.0	36.0
ISOLATION (dB, Min.) - TV TO DATA							
5 - 65			60.0				
120 - 862			20.0				
862 - 1218			20.0				
ISOLATION (dB, Min.) - TV TO FM							
5 - 65			30.0				
87.5 - 108			15.0				
125 - 1218			25.0				
ISOLATION (dB, Min.) - DATA TO FM							
5 - 65			60.0				
85 - 1218			28.0				
NOTES				GENERAL SPECIFICATIONS			
(1) Class A, according to IEC 60728-2-2012, EMC				Frequency range			
(2) Temperature range within which the device will be within specifications				5 - 1218 MHz			
				Nominal impedance			
				75 Ohm			
				Electromagnetic comp (1)			
				(dB, Min.)			
				5 - 300			
				85.0			
				300 - 470			
				80.0			
				470 - 1006			
				75.0			
				1006 - 1218			
				55.0			
				Operating temperature range (2)			
				0 ... +40°C			



TELESTE CORPORATION

www.teleste.com

APG-series_180119

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