

APM-series

Teleste

MULTIMEDIA OUTLETS

MULTIMEDIA OUTLETS FOR INTERACTIVE CATV NETWORKS

New interactive services in CATV networks require reliable, high quality passives. The APM multimedia outlets offer a range of technical and mechanical features and are intended for use with networks utilising new digital services with e.g. cable modems or set top boxes.



Frequency range up to 1000 MHz

Preinstalled F terminator on data port

Colour coded for easy tap value identification

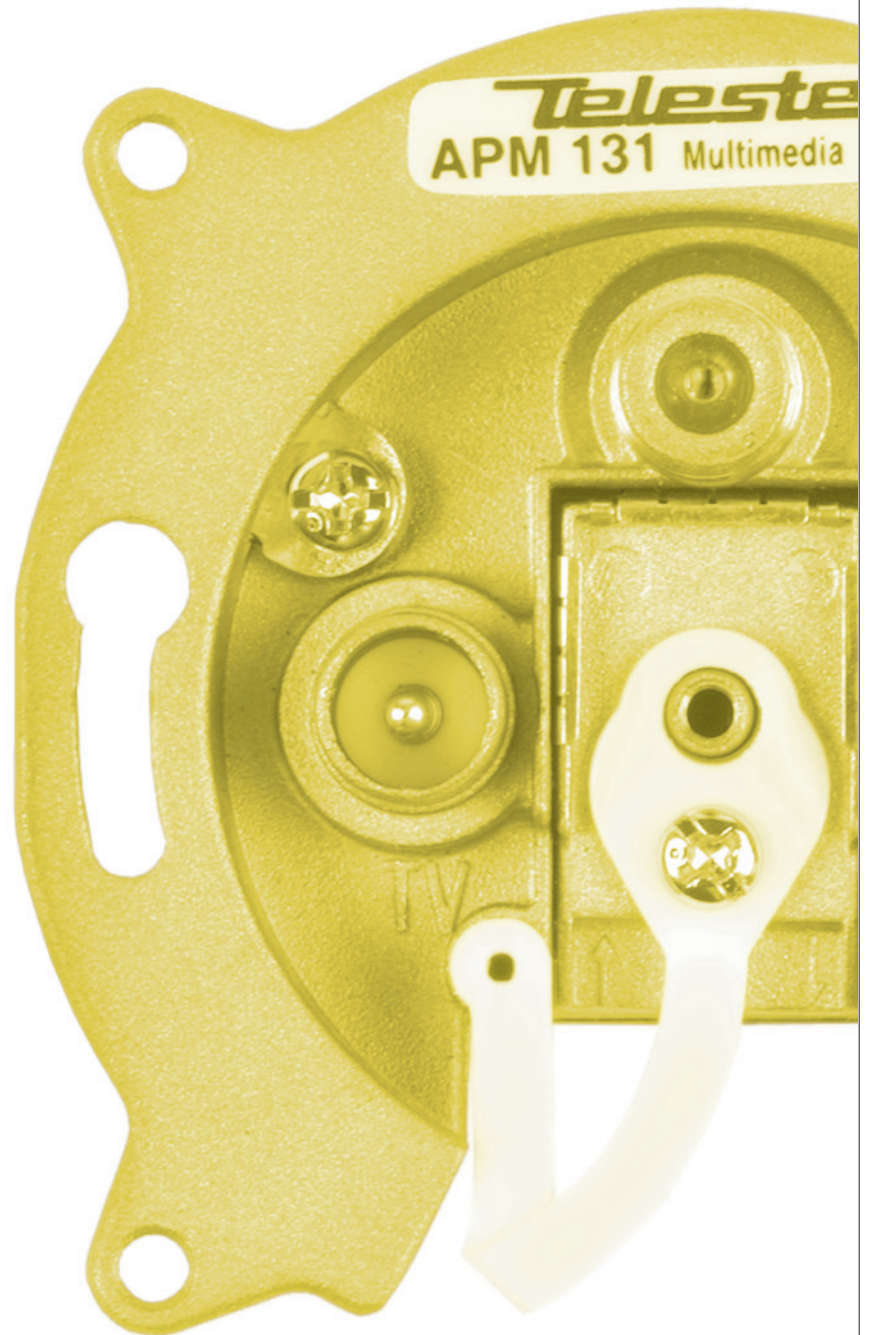
Meets or surpasses Cenelec class outlet parameters

Block effectively ingress noise leaking into the network

Screening effectiveness according to the Cenelec Standard Grade A

Easy to install

Sn plated housing



TECHNICAL SPECIFICATIONS

Insertion Loss (dB)	Frequency Range (MHz)	APM042	APM082	APM102	APM132	APM152	APM172	APM202
In-Out	5...1000	-	3.8 ± 0.5	2.8 ± 0.5	2.0 ± 0.5	1.7 ± 0.5	1.7 ± 0.5	1.5 ± 0.5
Data port attenuation	5...1000	4.5 ± 1.0	8.0 ± 1.0	10.0 ± 1.0	13.0 ± 1.0	15.0 ± 1.0	17.0 ± 1.0	20.0 ± 1.0
TV port attenuation	5...65	> 50	> 50	> 50	> 50	> 50	> 50	> 50
	118...1000	4.5 ± 1.0	8.0 ± 1.0	10.0 ± 1.0	13.0 ± 1.0	15.0 ± 1.0	17.0 ± 1.0	20.0 ± 1.0
FM port attenuation	88...108	4.5 ± 1.0	8.0 ± 1.0	10.0 ± 1.0	13.0 ± 1.0	15.0 ± 1.0	17.0 ± 1.0	20.0 ± 1.0
Return Loss (dB)	Frequency Range (MHz)	APM042	APM082	APM102	APM132	APM152	APM172	APM202
Input and Output	5...40	18	18	18	18	18	18	18
	40...1000	18	18 *)	18 *)	18 *)	18 *)	18 *)	18 *)
Data	5...40	22	22	22	22	22	22	22
	40...1000	22 *)	22 *)	22 *)	22 *)	22 *)	22 *)	22 *)
TV	118...1000	14 *)	14 *)	14 *)	14 *)	14 *)	14 *)	14 *)
FM	88...108	10	10	10	10	10	10	10
Isolation (dB)	Frequency Range (MHz)	APM042	APM082	APM102	APM132	APM152	APM172	APM202
Data-TV/FM	5...65	65	65	65	65	65	65	65
	47...862	25	30	30	30	30	30	30
TV-FM	88...108	20	20	20	20	20	20	20
Data-Out	5...1000	-	28	30	30	30	30	30
TV-Out	5...65	-	60	60	60	60	60	60
	47...1000	-	28	30	30	30	30	30
Insertion Loss (dB)	Frequency Range (MHz)	APM041	APM081	APM101	APM131	APM151	APM171	APM201
In-Out	5...1000	-	3.8 ± 0.5	2.8 ± 0.5	2.0 ± 0.5	1.7 ± 0.5	1.7 ± 0.5	1.5 ± 0.5
Data port attenuation	5...1000	4.5 ± 1.0	8.0 ± 1.0	10.0 ± 1.0	13.0 ± 1.0	15.0 ± 1.0	17.0 ± 1.0	20.0 ± 1.0
TV port attenuation	5...30	> 50	> 50	> 50	> 50	> 50	> 50	> 50
	47...78	4.5 ± 1.0	8.0 ± 1.0	10.0 ± 1.0	13.0 ± 1.0	15.0 ± 1.0	17.0 ± 1.0	20.0 ± 1.0
	118...1000	4.5 ± 1.0	8.0 ± 1.0	10.0 ± 1.0	13.0 ± 1.0	15.0 ± 1.0	17.0 ± 1.0	20.0 ± 1.0
FM port attenuation	88...108	4.5 ± 1.0	8.0 ± 1.0	10.0 ± 1.0	13.0 ± 1.0	15.0 ± 1.0	17.0 ± 1.0	20.0 ± 1.0
Return Loss (dB)	Frequency Range (MHz)	APM041	APM081	APM101	APM131	APM151	APM171	APM201
Input and Output	5...40	18	18	18	18	18	18	18
	40...1000	18 *)	18 *)	18 *)	18 *)	18 *)	18 *)	18 *)
Data	5...40	22	22	22	22	22	22	22
	40...1000	22 *)	22 *)	22 *)	22 *)	22 *)	22 *)	22 *)
TV	47...78	14	14	14	14	14	14	14
	118...1000	14 *)	14 *)	14 *)	14 *)	14 *)	14 *)	14 *)
FM	88...108	10	10	10	10	10	10	10
Isolation (dB)	Frequency Range (MHz)	APM041	APM081	APM101	APM131	APM151	APM171	APM201
Data-TV/FM	5...65	65	65	65	65	65	65	65
	47...862	25	30	30	30	30	30	30
TV-FM	88...108	20	20	20	20	20	20	20
Data-Out	5...1000	-	28	30	30	30	30	30
TV-Out	5...65	-	60	60	60	60	60	60
	47...1000	-	28	30	30	30	30	30
Accessories		*) at 40 MHz -1.5 dB per octave (18 and 22 dB based), min 10 dB at 14 dB base						
MO-C85A	Cover 85 mm, bright white	APMxx2 Outlets, 5...65 / 118...862 MHz frequency split APMxx1 Outlets, 5...30 / 47...862 MHz frequency split						
MO-F85A	Frame 85 mm, bright white							
F-81FT	F terminator, preinstalled as standard							
APC003	Cover 85 mm, creamy white							
APC013	Cover 85 mm with frame, creamy white							

TELESTE BROADBAND CABLE NETWORKS

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