

**MULTIMEDIA OUTLETS**



The multimedia outlets are intended for use with networks utilising new digital services with e.g. cable modems or set top boxes.

**Features**

- Frequency range up to 1000 MHz
- Preinstalled F terminator on data port
- Color 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
- Superior design of the housing ensures fast and easy installation

**Technical specifications, minimum values**

Parameter	Specification	Note
Screening effectiveness	85	5...470 MHz
	75	470...1000 MHz
Impedance (nominal) Connectors	75	Ohm
	IEC male	TV
	F female (F-terminal included)	Data
	IEC female	R

**APMxx2 outlets, 5-65/118-862 Mhz frequency split**

<b>Insertion Loss (dB)</b>	<b>APM042</b>	<b>APM082</b>	<b>APM102</b>	<b>APM132</b>	<b>APM152</b>	<b>APM172</b>	<b>APM202</b>
<b>In-Out</b>							
5-1000 MHz		3.8 ± 0.5	2.8 ± 0.5	2.0 ± 0.5	1.7 ± 0.5	1.7 ± 0.5	1.5 ± 0.5
<b>Data port attenuation</b>							
5-1000 MHz	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
<b>TV port attenuation</b>							
5-65 MHz	> 50	> 50	> 50	> 50	> 50	> 50	> 50
118-1000 MHz	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
<b>FM port attenuation</b>							
88-108 MHz	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
<b>Return loss (dB)</b>	<b>APM042</b>	<b>APM082</b>	<b>APM102</b>	<b>APM132</b>	<b>APM152</b>	<b>APM172</b>	<b>APM202</b>
<b>Input and Output (dB)</b>							
5-40 MHz	18	18	18	18	18	18	18
40-1000 MHz	18	18 *	18 *	18 *	18 *	18 *	18 *
<b>Data</b>							
5-40 MHz	22	22	22	22	22	22	22
40-1000 MHz	22 *	22 *	22 *	22 *	22 *	22 *	22 *
<b>TV</b>							
118-1000 MHz	14 *	14 *	14 *	14 *	14 *	14 *	14 *
<b>FM</b>							
88-108 MHz	10	10	10	10	10	10	10
<b>Isolation (dB)</b>	<b>APM042</b>	<b>APM082</b>	<b>APM102</b>	<b>APM132</b>	<b>APM152</b>	<b>APM172</b>	<b>APM202</b>
<b>Data-TV/FM</b>							
5-65 MHz	65	65	65	65	65	65	65
65-1000 MHz	25	30	30	30	30	30	30
<b>TV-FM</b>							
88-108 MHz	20	20	20	20	20	20	20
<b>Data-Out</b>							
5-1000 MHz		28	30	30	30	30	30
<b>TV-Out</b>							
5-65 MHz		60	60	60	60	60	60
65-1000 MHz		28	30	30	30	30	30

\* at 40 MHz. -1.5dB per octave (18 and 22 dB based), min. 10 dB @ 14 dB base

**APMxx1 outlets, 5-30/47-862 Mhz frequency split**

<b>Insertion Loss (dB)</b>	<b>APM041</b>	<b>APM081</b>	<b>APM101</b>	<b>APM131</b>	<b>APM151</b>	<b>APM171</b>	<b>APM201</b>
<b>In-Out</b>							
5-1000 MHz		3.8 ± 0.5	2.8 ± 0.5	2.0 ± 0.5	1.7 ± 0.5	1.7 ± 0.5	1.5 ± 0.5
<b>Data port attenuation</b>							
5-1000 MHz	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
<b>TV port attenuation</b>							
5-30 MHz	> 50	> 50	> 50	> 50	> 50	> 50	> 50
47-78 MHz	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 MHz	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
<b>FM port attenuation</b>							
88-108 MHz	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
<b>Return loss (dB)</b>	<b>APM041</b>	<b>APM081</b>	<b>APM101</b>	<b>APM131</b>	<b>APM151</b>	<b>APM171</b>	<b>APM201</b>
<b>Input and Output (dB)</b>							
5-40 MHz	18	18	18	18	18	18	18
40-1000 MHz	18 *	18 *	18 *	18 *	18 *	18 *	18 *
<b>Data</b>							
5-40 MHz	22	22	22	22	22	22	22
40-1000 MHz	22 *	22 *	22 *	22 *	22 *	22 *	22 *
<b>TV</b>							
47-78 MHz	14	14	14	14	14	14	14
118-1000 MHz	14 *	14 *	14 *	14 *	14 *	14 *	14 *
<b>FM</b>							
88-108 MHz	10	10	10	10	10	10	10
<b>Isolation (dB)</b>	<b>APM041</b>	<b>APM081</b>	<b>APM101</b>	<b>APM131</b>	<b>APM151</b>	<b>APM171</b>	<b>APM201</b>
<b>Data-TV/FM</b>							
5-30 MHz	65	65	65	65	65	65	65
47-1000 MHz	25	30	30	30	30	30	30
<b>TV-FM</b>							
88-108 MHz	20	20	20	20	20	20	20
<b>Data-Out</b>							
5-1000 MHz		28	30	30	30	30	30
<b>TV-Out</b>							
5-30 MHz		60	60	60	60	60	60
47-1000 MHz		28	30	30	30	30	30

\* at 40 MHz. -1.5dB per octave (18 and 22 dB based), min. 10 dB @ 14 dB base

**Accessories**

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MO-C85A	Cover 85mm bright white
MO-F85A	Frame 85mm bright white
F-81FT	F terminator, preinstalled as standard
APC003	Cover 85mm creamy white
APC013	Cover 85mm with frame, creamy white

**Color coding chart**

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APM041	green
APM081	violet
APM101	blue
APM131	white
APM151	red
APM171	yellow
APM201	black
APM042	green
APM082	violet
APM102	blue
APM132	white
APM152	red
APM172	yellow
APM202	black