

RMS 75XXMK Line Passives

2-Way, 3-Way, 8dB, 12dB, 16dB DC's & Power Inserter



These 1GHz line passives are *Magnavox* compatible and include 2-Way, 3-Way (balanced & un-balanced) splitters, 8dB, 12dB & 16dB directional couplers and a power inserter. They are rated at 15 Amps and have fused ports.

Features:

- > Bandwidth 5MHz to 1GHz
- >RFI Shielding >-110dB
- > Heavy duty power passing choke
Glass epoxy PCB (FR4-G10) with protective cover
- > 90 degree swivel blocks for easy installation in aerial or pedestal applications
- > Fused output ports
- > Stainless steel hardware
- > Strip gauges on housing and heat shrink ridges on 5/8-24 ports
- > Dual heavy-duty neoprene and wire mesh gaskets for total protection
- > 360 die cast aluminum housing & plate that has been sealed & chromated
- > Interlocking tongue/groove housing and faceplate (excellent RFI isolation)
- > Laminated ID label
- >Ports numbers die cast into housing
- >Magnavox compatible housing
- >100% Quality control at our factory
- >CE approved

RMS Communications Inc

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Performance Specifications Magnavox Compatible Line Passives

Model Nbr --->	7500MK	7502MK	7503MUBK	7503MK	7508MK	7512MK	7516MK
Type --->	Pwr Ins	2-Way	3-Way	3-Way	8dB DC	12dB DC	16dB DC
Insertion Loss (Maximum dB)							
Direction --->	RF/AC	In to Out	In to Out	In to Out	In to Out	In to Out	In to Out
5 - 50MHz	0.5	3.9	4.0/7.5	6.1	1.9	1.1	0.8
50 - 100MHz	0.5	3.9	4.0/7.5	6.1	1.9	1.0	0.8
100 - 300MHz	0.5	3.9	4.1/7.4	6.4	1.8	1.1	1.0
300 - 450MHz	0.6	4.1	4.1/7.6	6.4	1.9	1.2	1.0
450 - 600MHz	0.7	4.2	4.2/7.6	6.4	2.0	1.4	1.2
600 - 750MHz	0.8	4.4	4.6/7.9	6.5	2.2	1.6	1.3
750 - 870MHz	1.0	4.5	5.2/8.5	7.3	2.7	2.1	1.8
870 - 900MHz	1.3	5.2	5.2/8.9	7.8	3.0	2.4	2.0
900 - 1GHz	1.5	5.5	5.8/9.2	8.4	3.5	2.6	2.3
Tap Loss (Minimum dB)							
Direction --->	N/A	N/A	N/A	N/A	In to DC	In to DC	In to DC
5 - 10MHz	N/A	N/A	N/A	N/A	8.5 +/- 1.0	12.0 +/- 1.0	16.0 +/- 1.0
10 - 750MHz	N/A	N/A	N/A	N/A	8.5 +/- 1.0	12.0 +/- 1.0	16.0 +/- 1.0
750 - 1GHz	N/A	N/A	N/A	N/A	8.5 +/- 1.0	12.0 +/- 1.0	16.0 +/- 1.0
Tap/Tap Isolation (Minimum dB)							
Direction --->	AC to RF/AC	Out 1/Out 2	Out 1/2 to 2/3	Out 1/2 to 2/3	Out to Tap	Out to Tap	Out to Tap
5 - 50MHz	67	19	20	23	19	20	20
50 - 100MHz	63	19	20	23	19	25	20
100 - 300MHz	63	26	27	21	22	25	27
300 - 450MHz	63	26	27	21	22	24	26
450 - 600MHz	61	27	27	21	21	24	26
600 - 750MHz	61	25	27	22	20	22	23
750 - 870MHz	55	25	25	20	18	22	23
870 - 900MHz	50	20	25	20	18	19	20
900 - 1GHz	48	20	20	18	18	18	20
Return Loss (Minimum dB)							
Direction --->	RF/AC-RF/AC	In to 1 & 2	In to 1/2/3	In to 1/2/3	In/Out & Tap	In/Out & Tap	In/Out & Tap
5 - 50MHz	16	16	16	16	16	16	16
50 - 100MHz	16	16	16	16	16	16	16
100 - 300MHz	17	17	17	17	17	17	17
300 - 450MHz	17	17	17	17	17	17	17
450 - 600MHz	17	17	17	17	17	17	17
600 - 750MHz	17	17	17	17	17	17	17
750 - 870MHz	17	17	17	17	17	17	17
870 - 900MHz	17	17	17	17	17	17	17
900 - 1GHz	16	16	16	16	16	16	16

General Specifications Magnavox LP

Frequency Range	5 - 1GHz	Fuse Rating	15 Amps	RFI	-110dB
Frequency Response (Flatness)	+/- 0.5dB	Surge Protection	C62.411 -1991	Impedance	75 ohm
Hum Modulation at 10Amps	60dB (Avg)	Response Deviation	<+/-0.35dB MHz	PCB	FR4-G10
Pwr Passing 60/90VAC (Input)	15 Amps	Dimensions	122mmX144mmX86mm	Hardware	Stainless
Pwr Passing 60/90VAC (Output)	12 Amps	Dimensions	4.80" X 5.70" X 3.40"	Packed Weight	1.5 lbs

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