



1GHz CATV Vertical Digital Splitters

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Parameter	Bandwidth MHz	EAG-DiGi-2WV-1G		EAG-DiGi-3WV-1G		EAG-DiGi-3WVB-1G		EAG-DiGi-4WV-1G		EAG-DiGi-6W-1G		EAG-DiGi-8W-1G	
		QC	TYP	QC	TYP	QC	TYP	QC	TYP	QC	TYP	QC	TYP
Insertion Loss Maximum (dB)	5-15 Mhz	3.5	3.3	3.5/7.0	3.3/6.8	6.0	5.5	7.0	6.8	9.2	9.0	11.0	10.8
	15-42 MHz	3.5	3.3	3.5/7.0	3.4/6.8	5.8	5.5	7.2	6.8	9.2	9.0	11.0	10.8
	50-550 MHz	3.8	3.5	3.4/7.2	3.6/7.2	6.0	5.8	7.6	7.2	9.6	9.4	11.2	11.0
	550-870 MHz	3.8	3.6	4.0/7.6	3.8/7.5	6.2	5.9	7.6	7.3	9.9	9.7	11.8	11.4
	870-1000 MHz	4.2	3.8	4.3/8.3	4.0/8.0	6.9	6.5	8.2	7.8	10.5	10.0	12.5	12.0
Return Loss Input Minimum(dB)	5-15 Mhz	20	22	20	22	20	22	20	22	20	22	20	22
	15-42 MHz	22	25	22	25	22	25	22	25	22	25	22	25
	50-550 MHz	20	22	20	22	20	22	20	22	20	22	20	22
	550-870 MHz	20	22	20	22	20	22	20	22	20	22	20	22
	870-1000 MHz	20	22	20	22	20	22	20	22	20	22	20	22
Return Loss Output Minimum (dB)	5-15 Mhz	20	22	20	22	20	22	20	22	20	22	20	22
	15-42 MHz	30	38	30	38	25	35	30	38	25	35	28	30
	50-550 MHz	20	25	20	25	20	22	20	25	20	25	20	20
	550-870 MHz	20	22	20	22	20	22	20	22	20	22	20	22
	870-1000 MHz	20	22	20	22	20	22	20	22	20	22	20	22
Port/Port Isolation (Output/Output) Minimum (dB)	5-15 Mhz	22	25	22	30	22	25	22	25	22	25	22	25
	15-42 MHz	35	40	35	40	32	38	35	40	35	40	32	35
	50-550 MHz	25	28	25	28	25	28	25	28	25	28	25	28
	550-870 MHz	24	27	24	27	24	27	24	27	24	27	24	27
	870-1000 MHz	23	25	23	25	23	25	23	25	23	25	23	25
RFI (dB)	5-1000 MHz	-120	-130	-120	-130	-120	-130	-120	-130	-120	-130	-120	-130
Impedance	5-1000 MHz	75 Ohm											
Spurious Signals Including 2nd Harmonic	-45 dBmV after 6kV Ring Wave Surge measured with a 55 dBmB return input carrier												
Surge Protection	6kV Ring Wave per IEEE C62.41-1991 Category A3												
Waterproof test (Min)	15 PSI												
Operating Temperature	-40°C to +60°C												
Corrosion Resistance	1000 hours of salt spray per ANSI/SCTE 143 2007												

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