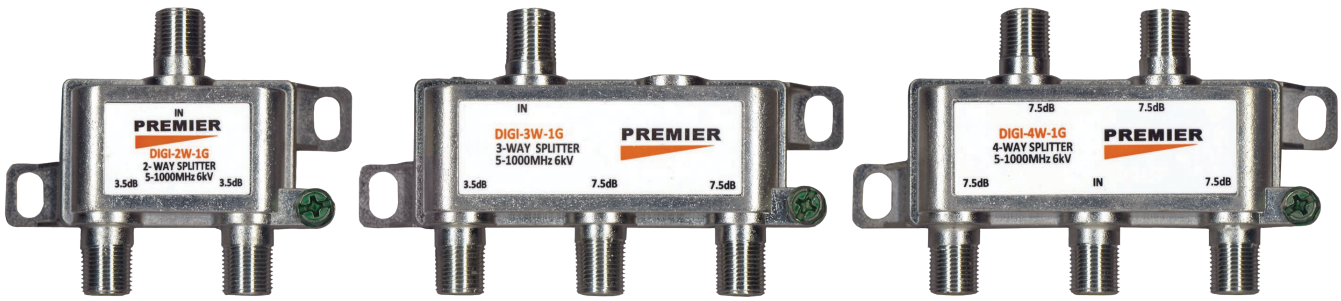
PREMIER® CATV
Digital Coax Splitter - 5-1000 MHz

Communication products to depend on.℠

PREMIER SCTE compliant CATV digital splitters provide the performance to exceed the high speed networking capacity and reliability required for high definition video streaming, internet services, and gaming in residential and multi-dwelling applications.

Features and Benefits

- » Excellent return loss and port-to-port isolation in the return band.
- » Built-in 6kv ring wave and combo wave surge protection.
- » Machine threaded flat “F” ports.
- » Gold plated 360° contacts engineered for maximum contact and superior retention. Copper construction helps prevent common path distortion & impedance.
- » Ports are weather-sealed to 15 PSI to prevent moisture ingress.
- » Solid zinc cast housing with bright tin triple plating for durability in all environments.
- » Tin-plated copper back plate provides minimum -130dB shielding effectiveness and superior defense against long-term corrosion factors.
- » Stainless steel universal drive mounting screws and ground port screws included.
- » Low intermodulation distortion and protection against ferrites saturation.
- » Enhanced 15-42MHz return path for superior output return loss and port to port isolation performance.
- » Ultra linear ferrites prevent inter-modulation where high level return carriers can affect forward path performance.
- » 6 kV High grade voltage blocking capacitors on all ports to eliminate core saturation.
- » Superior intermodulation distortion and second harmonic performance.
- » Weather-sealed “F” ports.



PREMIER® Digital Coax Splitter Specifications

- » 5-1000 MHz Bandwidth.
- » SCTE Compliant.
- » Operation temperature of -40°C to +60°C.
- » Meets or exceeds ANSI/SCTE 153 2008 for outdoor use and environmental and mechanical requirements.
- » Corrosion resistance, 1000 Hours of salt spray per ANSI/SCTE 143 2007.
- » F connector, SCTE compliant IPS-SP-400.
- » Meets or exceeds SCTE IPS SP 217 R02.

Ordering Information

ITEM ID	PART#	DESCRIPTION
0000438631	PT-DiGi-2W-1G	2-Way Horizontal Port Coax Splitter, 5-1000MHz bandwidth digital optimized, SCTE compliant.
0000438632	PT-DiGi -2WV-1G	2-Way Vertical Port Coax Splitter, 5-1000MHz bandwidth digital optimized, SCTE compliant.
0000438633	PT-DiGi-3WB-1G	3-Way Horizontal Port Coax Splitter, Balanced, 5-1000MHz bandwidth digital optimized, SCTE compliant.
0000438634	PT-DiGi-3W-1G	3-Way Horizontal Port Coax Splitter, Unbalanced, 5-1000MHz bandwidth digital optimized, SCTE compliant.
0000438635	PT-DiGi-3WV-1G	3-Way Vertical Port Coax Splitter, Unbalanced, 5-1000MHz bandwidth digital optimized, SCTE compliant.
0000438636	PT-DiGi-3WVB-1G	3-Way Vertical Port Coax Splitter, Balanced, 5-1000MHz bandwidth digital optimized, SCTE compliant.
0000438637	PT-DiGi-4W-1G	4-Way Horizontal Port Coax Splitter, 5-1000MHz bandwidth digital optimized, SCTE compliant.
0000438638	PT-DiGi-4WV-1G	4-Way Vertical Port Coax Splitter, 5-1000MHz bandwidth digital optimized, SCTE compliant.
0000438639	PT-DIGI-6WA-1G	6-Way All Vertical Port Coax Splitter, 5-1000MHz bandwidth digital optimized, SCTE compliant.
0000438640	PT-DiGi-6W-1G	6-Way Vertical Port Coax Splitter w/Horizontal Input Port, 5-1000MHz bandwidth digital optimized, SCTE compliant.
0000438641	PT-DIGI-8WA-1G	8-Way All Vertical Port Coax Splitter, 5-1000MHz bandwidth digital optimized, SCTE compliant.
0000438642	PT-DiGi-8W-1G	8-Way Vertical Port Coax Splitter w/Horizontal Input Port, 5-1000MHz bandwidth digital optimized, SCTE compliant.

Ask your KGP Logistics Customer Service Representative for more details and place your order today. 800-755-1950.

CATV Digital Horizontal Splitters

SPECIFICATIONS									
PARAMETER	FREQUENCY RANGE MHz	DiGi-2W-1G		DiGi-3W-1G		DiGi-3WB-1G		DiGi-4W-1G	
		TYP	QC	TYP	QC	TYP	QC	TYP	QC
Insertion Loss Maximum (dB)	5-15	3.1	3.4	3.2/6.5	3.5/7.0	5.3	5.4	6.6	6.9
	15-42	3.3	3.4	3.2/6.5	3.5/7.0	5.3	5.5	6.6	7.0
	50-550	3.3	3.5	3.3/6.8	3.4/7.2	5.5	5.8	6.8	6.9
	550-870	3.6	3.8	3.7/7.5	3.9/7.6	6.0	6.2	7.3	7.6
	870-1000	3.7	4.0	3.7/7.5	3.9/7.8	6.3	6.7	7.5	7.9
Return Loss Input Minimum (dB)	5-15	28	23	28	25	30	24	24	21
	15-42	30	27	27	25	32	26	32	24
	50-550	29	27	25	21	25	20	25	20
	550-870	26	24	25	21	24	20	25	22
	870-1000	26	21	26	21	23	20	24	20
Return Loss Output Minimum (dB)	5-15	33	29	24	22	26	23	26	21
	15-42	45	41	42	34	35	30	38	32
	50-550	28	24	28	24	26	24	22	20
	550-870	25	21	26	23	25	22	25	22
	870-1000	26	21	30	22	25	22	25	21
Port/Port Isolation (Output/Output) Minimum (dB)	5-15	32	29	34	30	32	28	33	25
	15-42	40	37	44	38	38	33	44	36
	50-550	29	27	32	30	37	34	30	26
	550-870	27	23	34	29	34	25	28	25
	870-1000	28	22	34	27	31	23	28	24
RFI (dB)	5-1000	-130	-120	-130	-120	-130	-120	-130	-120

CATV Digital Vertical Splitters

SPECIFICATIONS													
PARAMETER	FREQUENCY RANGE MHz	DiGi-2WV-1G		DiGi-3WV-1G		DiGi-3WBV-1G		DiGi-4WV-1G		DiGi-6W-1G		DiGi-8W-1G	
		TYP	QC	TYP	QC	TYP	QC	TYP	QC	TYP	QC	TYP	QC
Insertion Loss Maximum (dB)	5-15	3.3	3.5	3.3/6.8	3.5/7.0	5.5	6.0	6.8	7.0	9.0	9.2	10.8	11.0
	15-42	3.3	3.5	3.4/6.8	3.5/7.0	5.5	5.8	6.8	7.2	9.0	9.2	10.8	11.0
	50-550	3.5	3.8	3.6/7.2	3.4/7.2	5.8	6.0	7.2	7.6	9.4	9.6	11.0	11.2
	550-870	3.6	3.8	3.8/7.5	4.0/7.6	5.9	6.2	7.3	7.6	9.7	9.9	11.4	11.8
	870-1000	3.8	4.2	4.0/8.0	4.3/8.3	6.5	6.9	7.8	8.2	10.0	10.5	12.0	12.5
Return Loss Input Minimum (dB)	5-15	22	20	22	20	22	20	22	20	22	20	20	22
	15-42	25	22	25	22	25	22	25	22	25	22	22	25
	50-550	22	20	22	20	22	20	22	20	22	20	22	20
	550-870	22	20	22	20	22	20	22	20	22	20	22	20
	870-1000	22	20	22	20	22	20	22	20	22	20	22	20
	870-1000	22	20	22	20	22	20	22	20	22	20	22	20
Return Loss Output Minimum (dB)	5-15	22	20	22	20	22	20	22	20	22	20	22	20
	15-42	38	30	38	30	35	25	38	30	35	25	30	28
	50-550	25	20	25	20	22	20	25	20	25	20	20	20
	550-870	22	20	22	20	22	20	22	20	22	20	22	20
	870-1000	22	20	22	20	22	20	22	20	22	20	22	20
Isolation (Output/ Output) Minimum (dB)	5-15	25	22	30	22	25	22	25	22	25	22	25	22
	15-42	40	35	40	35	38	32	40	35	40	35	35	32
	50-550	28	25	28	25	28	25	28	25	28	25	28	25
	550-870	27	24	27	24	27	24	27	24	27	24	27	24
	870-1000	25	23	25	23	25	23	25	23	25	23	25	23
RFI (dB)	5-1000	-130	-120	-130	-120	-130	-120	-130	-120	-130	-120	-130	-120