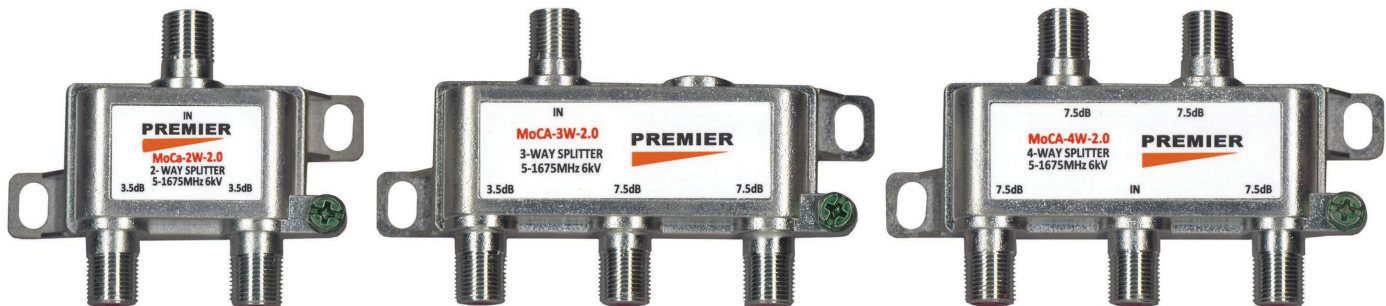


PREMIER® MoCA Broadband Coax Splitters - 5-1675 MHz

PREMIER MoCA 2.0 optimized coax 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® MoCA Broadband Coax Splitter Specifications

- » 5-1675 MHz Bandwidth.
- » MoCA 2.0 Compliant
- » 2nd Harmonics/ Typical -55 dBmv, Min -45 dBmv.
- » 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 Number	Part Number	Description
0000438656	PT-MoCA-2W-2.0	2-Way Horizontal Port Coax Splitter, 5-1675 MHz bandwidth, MoCA 2.0 optimized.
0000438657	PT-MoCA-2WV-2.0	2-Way Vertical Port Coax Splitter, 5-1675 MHz bandwidth, MoCA 2.0 optimized
0000438658	PT-MoCA-3WB-2.0	3-Way Horizontal Port Coax Splitter, Balanced, 5-1675 MHz bandwidth, MoCA 2.0 optimized
0000438659	PT-MoCA-3W-2.0	3-Way Horizontal Port Coax Splitter, Unbalanced, 5-1675 MHz bandwidth, MoCA 2.0 optimized
0000438660	PT-MoCA-3WVB-2.0	3-Way Vertical Port Coax Splitter, Balanced, 5-1675 MHz bandwidth, MoCA 2.0 optimized
0000438661	PT-MoCA-3WV-2.0	3-Way Vertical Port Coax Splitter, Unbalanced, 5-1675 MHz bandwidth, MoCA 2.0 optimized
0000438662	PT-MoCA-4W-2.0	4-Way Horizontal Port Coax Splitter, 5-1675 MHz bandwidth, MoCA 2.0 optimized
0000438663	PT-MoCA-4WV-2.0	4-Way Vertical Port Coax Splitter, 5-1675 MHz bandwidth, MoCA 2.0 optimized
0000438664	PT-MoCA-6W-2.0	6-Way Vertical Port Coax Splitter w/Horizontal Input Port, 5-1675 MHz, MoCA 2.0 Compliant.
0000438665	PT-MoCA-8W-2.0	8-Way Vertical Port Coax Splitter w/Horizontal Input Port, 5-1675 MHz, MoCA 2.0 Compliant.

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

PREMIER® MoCA Broadband Coax Splitters 5-1675 MHz

MoCA Horizontal Splitters

Parameter		Bandwidth (MHz)	MoCA-2W		MoCA-3W		MoCA-4W			
			QC	TYP	QC	TYP	QC	TYP		
Insertion Loss (Max)		5-10 MHz	3.6	3.3	3.5/7.2	3.3/7.0	7.2	7.0		
		11-500 MHz	3.6	3.4	3.6/7.2	3.4/7.0	7.2	7.0		
		501-750 MHz	3.7	3.5	3.7/7.2	3.5/7.0	7.2	7.0		
		751-1002 MHz	3.8	3.6	3.8/7.5	3.7/7.2	7.2	7.5		
		1003-1100 MHz	4.9	4.2	4.0/7.8	3.8/7.5	8.2	8.0		
		1101-1675 MHz	6.8	5.5	5.5/11.0	5.5/10.5	11.0	10.5		
Isolation Loss Out-Out		Min		5-15 MHz	22	28	20	22	25	22
				16-42 MHz	30	38	20	22	35	23
		Max		43-500 MHz	26	28	18	20	26	20
				501-750 MHz	24	26	18	20	24	20
				751-1002 MHz	24	25	18	20	24	20
				1003-1200 MHz	25	25	25	25	25	25
				1201-1675 MHz	25	25	25	25	25	25
				Return Loss (Min) Input	5-15 MHz	22	22	20	21	18
16-42 MHz	23	25	23	24	23	24				
43-500 MHz	20	23	18	20	20	23				
501-750 MHz	18	20	15	16	18	20				
751-1002 MHz	18	20	14	16	18	20				
1003-1200 MHz	15	15	12	15	15	16				
1201-1675	12	15	10	12	10	12				

MoCA Vertical Splitters

Parameter		Bandwidth (MHz)	MoCA-2WV		MoCA-3WV		MoCA-4WV		MoCA-6WV		MoCA-8WV			
			QC	TYP	QC	TYP	QC	TYP	QC	TYP	QC	TYP		
Insertion Loss (Max)		5-10 MHz	3.6	3.3	3.5/7.2	3.3/7.0	7.2	7.0	10.5	10.0	10.5	10.0		
		11-500 MHz	3.6	3.4	3.6/7.2	3.4/7.0	7.2	7.0	11.0	10.5	11.0	10.5		
		501-750 MHz	3.7	3.5	3.7/7.2	3.5/7.0	7.2	7.0	11.5	11.5	11.5	11.5		
		751-1002 MHz	3.8	3.6	3.8/7.5	3.7/7.2	7.2	7.5	12.0	12.0	12.0	12.0		
		1003-1100 MHz	4.9	4.2	4.0/7.8	3.8/7.5	8.2	8.0	14.0	13.5	14.0	13.5		
		1101-1675 MHz	6.8	5.5	5.5/11.0	5.5/10.5	11.0	10.5	19.0	18.0	19.0	18.0		
Isolation Loss Out-Out		Min		5-15 MHz	22	28	20	22	25	22	22	28	25	22
				16-42 MHz	30	38	20	22	35	23	25	28	25	28
		Max		43-500 MHz	26	28	18	20	26	20	23	25	23	25
				501-750 MHz	24	26	18	20	24	20	22	22	22	22
				751-1002 MHz	24	25	18	20	24	20	20	22	20	22
				1003-1200 MHz	25	25	25	25	25	25	33	33	33	33
				1201-1675 MHz	25	25	25	25	25	25	35	35	35	35
				Return Loss (Min) Input	5-15 MHz	22	22	20	21	18	20	17	18	17
16-42 MHz	23	25	23	24	23	24	23	25	23	24				
43-500 MHz	20	23	18	20	20	23	20	23	20	23				
501-750 MHz	18	20	15	16	18	20	18	20	18	20				
751-1002 MHz	18	20	14	16	18	20	18	20	18	20				
1003-1200 MHz	15	15	12	15	15	16	10	15	10	16				
1201-1675	12	15	10	12	10	12	5	10	5	10				