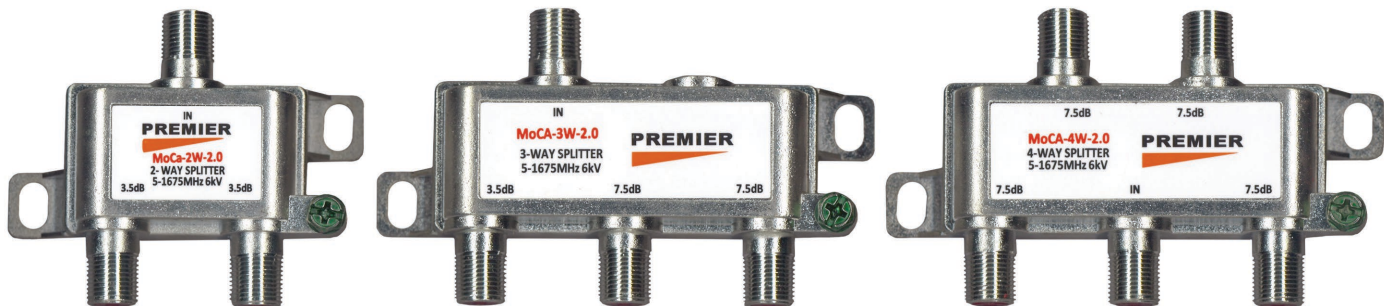


PREMIER® MoCA Broadband Coax Splitters - 5-1675 MHz

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 KGPCo 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 |
| | | 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 |
| | Max | 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 | 20 |
| | | 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 |
| | | 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 |
| | Max | 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 | 18 |
| | | 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 |