



HomeConnect® Four-way MoCA Splitter, 5–1675 MHz

- Engineered to deliver maximum RF performance within the operating frequency band
- The raised body allows moisture to drain behind the unit and uses a priority plating for use in harsh environments
- Includes zinc die cast body with a soldered back plate for superior RF shielding
- The machined “F” ports -with an innovative four-sided contact- provide excellent retention and electrical performance

OBSOLETE

Product Classification

|               |                  |
|---------------|------------------|
| Product Type  | Coaxial splitter |
| Product Brand | HomeConnect®     |

General Specifications

|                       |  |
|-----------------------|--|
| Device Type           | Splitter   |
| Application           | Indoor   Outdoor   |
| Mounting              | Horizontal   |
| Output Port           | 1 High Output Access (CATV + MoCA)   1 Low Output Access (CATV + MoCA)   4 Home (MoCA) |
| Video Ports, quantity | 4  |

Electrical Specifications

|  |  |
|--|--|
| Insertion Loss at Frequency Band, maximum      | 11.5 dB @ 1218–1675 MHz   7.5 dB @ 400-1218 MHz   7.5 dB @ 5-400 MHz |
| Return Loss at Frequency Band, input, minimum  | 15 dB @ 1002–1218 MHz   18 dB @ 5-1002 MHz   5 dB @ 1218–1675 MHz    |
| Return Loss at Frequency Band, output, minimum | 15 dB @ 1002–1218 MHz   18 dB @ 5–1002 MHz   5 dB @ 1218-1675 MHz    |
| Frequency Response                             | ±0.4 dB @ 5–1218 MHz   ±1.4 dB @ 1218–1675 MHz                       |
| Impedance                                      | 75 ohm   |
| Operating Frequency Band                       | 5 – 1675 MHz   |
| Power Passing                                  | No   |
| Shielding Effectiveness, minimum               | 120 dB   |

|  |   |
|--|---|
| Spurious Signals/2nd Order Harmonics, before surge | <-100 dBc   |
| Surge Capability Test Method                       | IEEE C62.41-1991-B3 (500 V to 6 kV, 500 A Ring wave) on all Output Ports   IEEE C62.41.1991-B3 (6 kV, 3000 A, Combination wave) on input port |

Electrical Specifications, Isolation

|  |  |
|--|--|
| Isolation at Frequency Band, output to output, maximum | 30 dB @ 1275–1675 MHz  |
| Isolation at Frequency Band, output to output, minimum | 20 dB @ 1002-1218 MHz   25 dB @ 85-1002 MHz   25.0 dB @ 5-10 MHz   35 dB @ 10-85 MHz |

Environmental Specifications

|                                |                                      |
|--------------------------------|--------------------------------------|
| Operating Temperature          | -40 °C to +60 °C (-40 °F to +140 °F) |
| Grounding and Bonding Standard | UL 467 Ground Clamp Communication    |
| Safety Standard                | SCTE   UL 467                        |

Packaging and Weights

|                 |                    |
|-----------------|--------------------|
| Height, packed  | 195 mm   7.677 in  |
| Width, packed   | 360 mm   14.173 in |
| Length, packed  | 525 mm   20.669 in |
| Carton Quantity | 300                |
| Weight, gross   | 28 kg   61.729 lb  |

Regulatory Compliance/Certifications

| Agency        | Classification   |
|---------------|--|
| CE            | Compliant with the relevant CE product directives  |
| CHINA-ROHS    | Below maximum concentration value  |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system   |
| REACH-SVHC    | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |

