

# CLT5HM-9M-CO



MQ Multiport cluster 5 ports cable assembly with interface type MQ female to 4.3-10 male, size 1/3", length 9 meters

## Product Classification

|                |                                      |
|----------------|--------------------------------------|
| Product Type   | Wireless transmission cable assembly |
| Product Series | MQ                                   |

## General Specifications

|                                    |                  |
|------------------------------------|------------------|
| Attachment, Connector A            | Factory attached |
| Attachment, Connector B            | Factory attached |
| Body Style, Connector A            | Straight         |
| Body Style, Connector B            | Straight         |
| Interface, Connector A             | MQ Female        |
| Interface, Connector B             | 4.3-10 Male      |
| Specification Sheet Revision Level | A                |

## Dimensions

|              |                 |
|--------------|-----------------|
| Length       | 9 m   29.528 ft |
| Nominal Size | 0.300 in        |

## Port Configuration

| Pin Assignment | Label       |
|----------------|-------------|
| 1              | MQ5-1 (R+)  |
| 2              | MQ5-2 (CR+) |
| 3              | MQ5-3 (CL+) |
| 4              | MQ5-4 (L+)  |
| 5              | MQ5-5 (CAL) |

## Electrical Specifications

|                                  |                      |
|----------------------------------|----------------------|
| 3rd Order IMD Static             | 112 dBm              |
| 3rd Order IMD Static Test Method | Two +43 dBm carriers |

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## VSWR/Return Loss

| Frequency Band | VSWR  | Return Loss (dB) | Insertion Loss, typical (dB) |
|----------------|-------|------------------|------------------------------|
| 0–2700 MHz     | 1.151 | 23.1             | 2.31                         |
| 2700–4200 MHz  | 1.201 | 20.8             | 2.92                         |
| 4200–6000 MHz  | 1.352 | 16.5             | 3.6                          |

## Mechanical Specifications

|                                     |                  |
|-------------------------------------|------------------|
| Minimum Bend Radius, multiple Bends | 70 mm   2.756 in |
| Minimum Bend Radius, single Bend    | 35 mm   1.378 in |

## Environmental Specifications

|                       |                                      |
|-----------------------|--------------------------------------|
| Operating Temperature | -40 °C to +85 °C (-40 °F to +185 °F) |
| Immersion Test Method | IEC 60529, IP67                      |