

# CommScope 0.5m 3/8" Jumper Cable with 4.3-10 Male to 4.3-10 Male Connectors

SKU: ACC-CS-00052

MPN: F2-HMHM-M5-P

## Description

The CommScope 0.5m 3/8" Jumper Cable (SKU: ACC-CS-00052, Part Number: F2-HMHM-M5-P) is an efficient solution for RF connections, featuring 4.3-10 Male connectors on both ends with a straight, free-hanging design. This medium-duty cable is part of the 3/8" corrugated series, known for its 11.2 mm outer diameter and 3.3 mm inner conductor, making it ideal for short interconnections within large antenna systems and Distributed Antenna Systems (DAS).

With a solid corrugated copper outer conductor, the cable ensures 110 dB of shielding effectiveness and meets low PIM standards, with a 3rd Order PIM rating of -110 dBc. It operates across a broad frequency range and delivers high performance with a VSWR of  $\leq 1.11:1$  and a Return Loss of  $\leq 26.40$  dB at frequencies of 698 MHz, 1700 MHz, and 2200 MHz. These specifications make it suitable for applications requiring reliable, low-loss RF connections.

CommScope is a leading provider of...

[Read More](#)



## RF Specification

PIM, 3rd Order:

CommScope  
-110 dBc

COMMSCOPE®  
VSWR Measurement

CommScope (NASDAQ: COMM) helps design, build and manage wired and wireless networks around the world. As a communications infrastructure leader, we shape the always-on networks of tomorrow. For more than 40 years, our global team of greater than 20,000 employees, innovators and technologists have empowered customers in all regions of the world to anticipate what's next and push the boundaries of ...

| Frequency | VSWR     | Return Loss |
|-----------|----------|-------------|
| 698 MHz   | ≤ 1.11:1 | ≤ 26.4 dB   |
| 1700 MHz  | ≤ 1.11:1 | ≤ 26.4 dB   |
| 2200 MHz  | ≤ 1.11:1 | ≤ 26.4 dB   |

## Physical Specification

|          |              |         |       |
|----------|--------------|---------|-------|
| Subtype: | Jumper Cable | Length: | 0.5 m |
|----------|--------------|---------|-------|

### RF Connectors

| RF Interface | Body Shape | Mounting     |
|--------------|------------|--------------|
| 4.3-10 Male  | Straight   | Free Hanging |
| 4.3-10 Male  | Straight   | Free Hanging |

## 3/8 Corrugated

|                           |           |                          |          |
|---------------------------|-----------|--------------------------|----------|
| Min. Frequency:           | 0 GHz     | Max. Frequency:          | 13.5 GHz |
| Impedance:                | 50        | Shielding Effectiveness: | > 110 dB |
| Min. Bend Radius Static:  | 40 mm     | Colour:                  | Black    |
| Min. Bend Radius Dynamic: | 95 mm     | Weight (g/m):            | 120 g    |
| Attenuation @ 1 GHz:      | 0.12 dB/m |                          |          |

### Cable Layers

| Layer           | Diameter | Materials                   |
|-----------------|----------|-----------------------------|
| Inner Conductor | 3.30 mm  | Copper Clad Aluminium (CCA) |
| Dielectric      | 8.30 mm  | Foamed Polyethylene (EPE)   |
| Outer Conductor | 9.60 mm  | Corrugated Copper Tube      |
| Outer Jacket    | 11.20 mm | Polyethylene (PE)           |

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

