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CommScope 4m 1/2" Jumper Cable with 4.3-10 Male to 4.3-10 Male Connectors

SKU ACC-CS-00057 MPN F4-HMHM-4M-P

Description

The CommScope 4m 1/2" Jumper Cable (SKU: ACC-CS-00057, Part Number: F4-HMHM-4M-P) is a robust RF cable designed for high-performance antenna systems. Featuring 4.3-10 Male connectors on both ends, this cable ensures reliable and secure connections. It is crafted from 1/2" corrugated coaxial cable, known for its durability and effectiveness in passive Distributed Antenna Systems (DAS). The cable boasts a 15.87 mm outer diameter with a 4.83 mm inner conductor, and a solid corrugated copper outer conductor that provides 110 dB shielding effectiveness while meeting low Passive Intermodulation (PIM) targets with a rating of -119 dBc.

This jumper cable is engineered to endure frequent mating cycles and operates efficiently across a wide frequency range. At 698 MHz, it offers a VSWR of \leq 1.07:1 and a Return Loss of \leq 30.00 dB; at 2200 MHz, a VSWR of \leq 1.08:1 and a Return Loss of \leq 28.00 dB; and at 3400 MHz, a VSWR of \leq 1.22:1 and a Return Loss...

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CommScope

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RF Specification

PIM, 3rd Order -119 dBc VSWR Measurement Frequency VSWR Return Loss 698 MHz $\leq 1.07:1 \leq 30$ dB 2200 MHz $\leq 1.08:1 \leq 28$ dB 3400 MHz $\leq 1.22:1 \leq 20$ dB

Physical Specification

Subtype Jumper Cable Length 4 m

RF Connectors

RF Interface Body Shape Mounting

4.3-10 MaleStraightFree Hanging4.3-10 MaleStraightFree Hanging

1/2 Corrugated

Min. Frequency 0 GHz Impedance 50 Ω Min. Bend Radius Static 50 mm Min. Bend Radius Dynamic 125 mm Attenuation @ 1 GHz 0.07 dB/m Max. Frequency 8.8 GHz Shielding Effectiveness > 110 dB Colour Black Weight (g/m) 220 g Cable Layers Layer Diameter **Materials** Inner Conductor 4.80 mm Copper Clad Aluminium (CCA) 12.30 mm Foamed Polyethylene (EPE) Dielectric Outer Conductor 13.80 mm Corrugated Copper Tube Outer Jacket 15.70 mm Polyethylene (PE)

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