

# RF Jumpers



Broadband, Low loss, Low PIM, Superior Performance

Frog Cellsat offers broadband superior quality RF Jumper cable assemblies for low loss, low PIM with high flexibility and small bend radius that enables easy routing. The RF jumpers from Frog Cellsat are available for ½” and ¼” Super-flex cables in various connector configurations like 4.1/9.5 Mini DIN, 4.3/10, 7/16 and N-type for applications like BTS jumpers, cabinet jumpers, antenna feeds that ensure excellent quality and reliability.

## Features

- Low VSWR and Low Loss
- Low PIM
- High flexibility and small bend radius
- Broadband cellular coverage
- Hot polyamide moulding guarantees highest stability and tightness
- ROHS compliant (2011/65/EU)
- Weather proof – IP67 rated (Optional water proof boots)



## Applications

- RF and Microwave
- BTS jumpers
- Antennas to radio units
- Cabinet / Shelter jumpers
- Antenna feed lines
- To connect Diplexers, Amplifiers and Boosters
- In In-building Solutions



## Key Specifications

Frequency range	DC – 3 GHz
Cable type	½” and ¼” – as per requirement
Connectors	4.1/9.5 Mini DIN Male, 4.1/9.5 Mini DIN Female, 4.1/9.5 Mini DIN Male Right Angle, 4.3-10 Male, 4.3-10 Female, 4.3-10 Male Right Angle, 7/16 DIN Male, 7/16 DIN Female, 7/16 DIN Male, Right Angle, N Male, N Female, N Male Right Angle
Length	0.5, 1, 3, 5, 7, 10 m – as per requirement
Return loss	> 18 dB @ 2.2 GHz
PIM3 (2 x 43 dBm)	< -153 dBc
Impedance	50 Ohms
Tensile strength	< 300 N
Coupling torque	25-30 Nm
IP rating	IP67
Temperature	-20° to +70° C

## Ordering Information

Description	Product No.
½" RF Superflex Jumper, DIN-M to DIN-M Straight, 1 Meter	FCL-HJSC-SDM-SDM-1
1/4" RF Superflex Jumper, 4.3-10-M to 4.3-10-M Right Angle, 0.5 Meter	FCL-QJSC-S4310M-R4310M-0.5

**NOTE:** Other configurations of cable assemblies are available with different cable lengths. Please contact Frog Cellsat for more details.