

RF Connectivity - Wireless Infrastructure

Coaxial Cable Assemblies

Jumper & Feeder

UBCS is focusing on developing and manufacturing more efficient cable assemblies considering the user's optimal work and installation environment.

FEATURES / BENEFITS

- 1 Robust mechanical design
- 2 Outstanding PIM performance
- 3 High durability
- 4 Low VSWR and attenuation

APPLICATIONS

- 1 5G Networks
- 2 Wireless Infrastructure
- 3 Antenna Systems
- 4 In-building Systems (DAS)
- 5 Outdoor and Indoor



BLOCK DIAGRAM / LINE UP



7-16 DIN Male - 4.3-10 Male

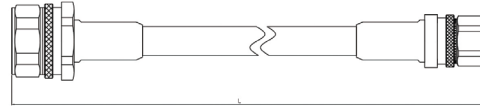
7-16 DIN Male - 7-16 DIN Male

7-16 DIN Male - 7-16 DIN Male_Right Angle

7-16 DIN Male - N Male

N Male - 4.3-10 Male

N Male - N Male



4.3-10 Male - 4.3-10 Male_Anti-Loosening

7-16 DIN Male - 4.3-10 Male_Anti-Loosening

7-16 DIN Male - 7-16 DIN Male_Anti-Loosening

7-16 DIN Male - N Male_Anti-Loosening

N Male - 4.3-10 Male_Anti-Loosening

N Male - N Male_Anti-Loosening

SPECIFICATIONS

Impedance	50Ω	
Frequency Range Up To	DC ~ 4GHz	
Insertion Loss	$[(\text{Cable loss} + 0.1) \times \sqrt{f(\text{GHz})}] \times 1.15$	
VSWR	DC ~ 2.7 GHz	1.2:1 Max.
	DC ~ 4 GHz	1.3:1 Max.
PIMD	"3rd Order IM Product @2 x 43dBm"	Static: ≤ -160dBc Dynamic: ≤ -150dBc
	"5rd Order IM Product @2 x 43dBm"	Static: ≤ -170dBc Dynamic: ≤ -160dBc
Operating Temperature	-40 °C ~ +70 °C	
Waterproof (Protection Class)	IP67	
Connector Type	Custom	