

RF Connectivity - Wireless Infrastructure

Coaxial Connectors, DC ~ 4GHz

7-16 DIN Series

UBCS' connectors address a wide variety of RF application needs from base stations, in-building (DAS), indoor and outdoor networks, testing & measurement.

FEATURES / BENEFITS

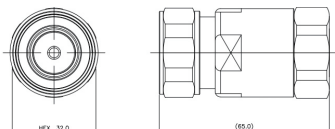
- 1 Robust mechanical design
- 2 Outstanding system characteristics
- 3 High durability
- 4 Low PIM

APPLICATIONS

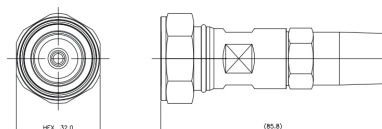
- 1 5G Networks
- 2 Wireless Infrastructure
- 3 Antenna Systems
- 4 In-building Systems (DAS)
- 5 Outdoor and Indoor
- 6 Radios and Filter Output



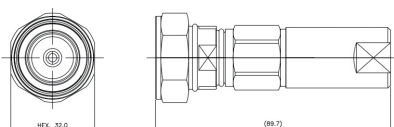
BLOCK DIAGRAM / LINE UP



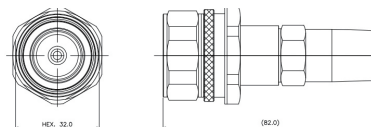
7-16 DIN Male for 7/8" Flexible Coaxial Cable [Straight]



7-16 DIN Male for 1/2" Flexible Coaxial Cable [Straight]



7-16 DIN Male for 1/2" Flexible Coaxial Cable, Smooth Wall Type [Straight]



7-16 DIN Male for 1/2" Flexible Coaxial Cable [Straight, Anti-loosening]

SPECIFICATIONS

Impedance	50Ω			
Frequency Range Up To	DC ~ 4GHz			
Insertion Loss	-0.05 x √f(GHz) dB			
VSWR	1.2:1 Max.			
PIMD	3rd PIMD	≤ -150 dBc	5th PIMD	≤ -160 dBc
Insulation Resistance	≥ 10GΩ			
Center Contact Resistance	≤ 0.005Ω			
Outer Contact Resistance	≤ 0.01Ω			
Operating Temperature	-40 °C ~ +70 °C			
Humidity	IEC68-2-30			
Vibration	IEC68-2-6			

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N Series

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FEATURES / BENEFITS

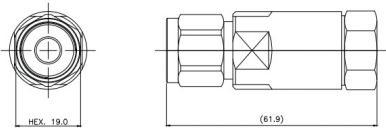
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APPLICATIONS

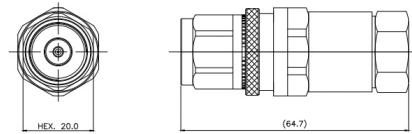
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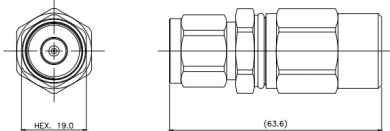
BLOCK DIAGRAM / LINE UP



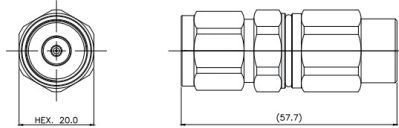
N Male for 1/2" Flexible Coaxial Cable [Straight]



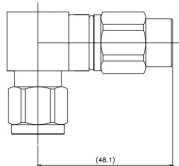
N Male for 1/2" Flexible Coaxial Cable [Straight, Anti-loosening]



N Male for 1/2" Flexible Coaxial Cable, Smooth Wall Type [Straight]



N Male for 2/5" Flexible Coaxial Cable, Smooth Wall Type [Straight]



N Male for 2/5" Flexible Coaxial Cable, Smooth Wall Type [Right Angle]

SPECIFICATIONS

Impedance	50Ω			
Frequency Range Up To	DC ~ 4GHz			
Insertion Loss	-0.05 x √f(GHz) dB			
VSWR	1.2:1 Max.			
PIMD	3rd PIMD	≤ -150 dBc	5th PIMD	≤ -160 dBc
Insulation Resistance	≥ 10GΩ			
Center Contact Resistance	≤ 0.005Ω			
Outer Contact Resistance	≤ 0.01Ω			
Operating Temperature	-40 °C ~ +70 °C			
Humidity	IEC68-2-30			
Vibration	IEC68-2-6			

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4.3-10 Series

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FEATURES / BENEFITS

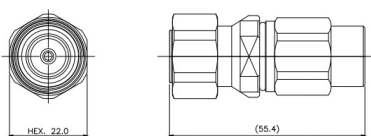
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APPLICATIONS

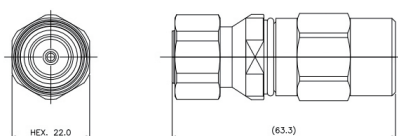
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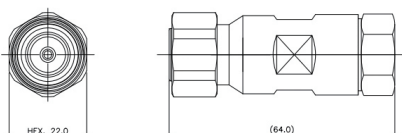
BLOCK DIAGRAM / LINE UP



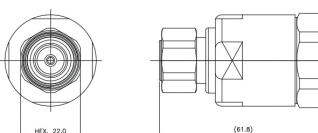
4.3-10 Male for 2 1/2" Flexible Coaxial Cable, Smooth Wall Type [Straight]



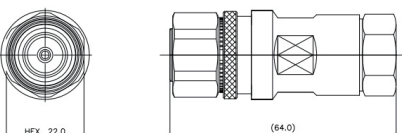
4.3-10 Male for 1 1/2" Flexible Coaxial Cable, Smooth Wall Type [Straight]



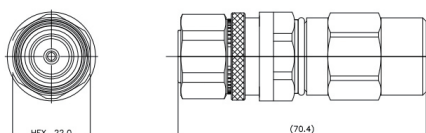
4.3-10 Male for 1 1/2" Flexible Coaxial Cable [Straight]



4.3-10 Male for 7/8" Flexible Coaxial Cable [Straight]



4.3-10 Male for 1 1/2" Flexible Coaxial Cable [Straight, Anti-loosening]



4.3-10 Male for 2 1/2" Flexible Coaxial Cable, Smooth Wall Type [Straight, Anti-loosening]

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