

CHARACTERISTICS

DESCRIPTION: N Type female BH connector

Electrical data:

<i>Impedance:</i>	<i>50 ohm</i>
<i>Frequency range:</i>	<i>DC to 11.0 GHz</i>
<i>VSWR:</i>	<i>$\leq 1.06 + 0.04 \times f[\text{GHz}]$</i>
<i>Insertion loss:</i>	<i>$\leq 0.45\text{dB}$</i>
<i>Insulation resistance:</i>	<i>$\geq 5000\text{M}\Omega$</i>
<i>Test voltage:</i>	<i>2500 V rms</i>
<i>Working voltage:</i>	<i>1400 V rms</i>
<i>Contact resistance:</i>	
1). <i>Centre contact:</i>	<i>1.0 mΩ</i>
2). <i>Outer conductor:</i>	<i>0.25 mΩ</i>
<i>Power handling (at 20 °C, sea level, VSWR 1.0):</i>	<i>1000 W @ 1 GHz</i> <i>700 W @ 2 GHz</i>

- Limitations are possible due to the used cable type -

Environmental data:

<i>Temperature rating:</i>	<i>-65 ° C to +165 ° C</i>
<i>52/95/EC (RoHS):</i>	<i>Compliant</i>

Mechanical data:

<i>Mating cycles:</i>	<i>≥ 500</i>
<i>Center contact captivation(axial):</i>	<i>$\geq 28\text{ N}$</i>
<i>Coupling nut retention:</i>	<i>$\geq 450\text{ N}$</i>
<i>Coupling test torque:</i>	<i>$\leq 1.7\text{ Nm}$</i>
<i>Recommended torque:</i>	<i>0.7 Nm to 1.1 Nm</i>

Suitable cables:

N/A