

Hills Antenna RG6 Double Bubble Connector

The Hills Antenna BC80490 RG6 Double Bubble Connector utilises a universal locking connector that prevents moisture from entering the front and back of the connector, thus making it the most dependable connector for signal quality in the market today.

- Internal lock spring improves the torque capabilities of the connector.
- True 360° metal compression onto the cable which provides superior pull out strength and prevents moisture from entering the connector.
- Large all brass inner and outer ferrule contact surfaces provides superior RF shielding performance.
- Superior Return Loss.
- Internal compression rings create a permanent seal at the base of the connector nut.
- Extended nut design for exceptional environment seal.
- External O ring for environmental protection.
- Tool BC72241B or BC85171
- Foxtel IPL #F30712
- Available as a single item or in a hang sell box of 25.

Models Available:
BC80490
BC80490B



Physical Properties	
Body Material	All metal, Nickel plated machined brass
Internal Compression Ring Material	Nitrile Butadiene Rubber
Electrical Properties	
Return Loss	≥ -32.9dB up to 1GHz Meet/Exceed
	≥ -35dB up to 2GHz Meet/Exceed
	≥ -30dB up to 3GHz Meet/Exceed
Insertion Loss	≥ 0.3dB to 1GHz Meet/Exceed
RFI Shielding	≥ 70dB Meet/Exceed
Mechanical Properties	
Cable Retention	40 lbs. min. complies with ANSI/SCTE 99 2019
Cable Insertion Force	<20 lbs. Meet/Exceed
Environmental Properties	
Temperature Rating	-40 °F (-40 °C) to 140 °F (60 °C)
Moisture Migration	Passes ANSI/SCTE60 2004

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