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Find the *C&D Technologies BSB-174-5* at our website: *Click HERE*

C D International Technology, Inc.

Coaxial Cable, BNC to SMB plug (female contact), RG174, 5 foot, 50 ohm

[BSB-174-5]

Other lengths for this cable
Other connector and cable combinations

BSB-174-5 is a RG174 5 foot 50 ohm (1.52 meter) coax cable assembly with a BNC connector on one end and a SMB plug (female contact) connector on the other end.



Click to enlarge

About 50 ohm cable assemblies

This cable assembly has a characteristic impedance of 50 ohms. 50 ohm coax cable, connectors, and adapters are commonly used in GPS and wifi (802.11 wireless LAN) antennas, ham transceivers, and other radio frequency (RF) analog and digital signaling, microwave, radar, hi-fidelity professional audio, non-destructive testing (NDT), oil and petroleum production, ultrasonic transducers, accelerometers, strain gauges, and some professional video applications.

RG174 Specifications

The following are nominal values; if you have exact requirements that need to be met for a given application, please contact us.

Impedance	50 ohms
Inner Conductor Diameter	0.48 mm
Dielectric Diameter	1.52 mm
Shield Diameter	2.23 mm
Capacitance	100.0 pF/meter (30.5 pF/foot)

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Minimum Operating Temperature	-40 C (-40.0 F)
Maximum Operating Temperature	75 C (167.0 F)
Jacket Diameter	2.79 mm
Jacket Material	PVC
Velocity Ratio	66%
Core	stranded
Related	RG-174 RG174A/U RG-174A/U

We hi-pot test our cable assemblies for high-voltage breakdown between core and braid. See About Hi-Pot Testing for why this might matter to you, particularly for physics or NDT applications. **Caution: We make no claims as to the safety of this product for high-voltage use. These voltages can kill. Do not handle or approach any cable or conductor carrying high voltage; this includes insulated cables, nearby metal parts, water, and other conductive materials. Engineering and design for safety in your application are your responsibility.**

Customization and Ordering

- We make our own cable assemblies. If you need a connector type that you don't see here, or if you have custom requirements, feel free to contact us.
- RoHS compliance available upon request.
- low noise RG174 cable available -- see Cables/RG174 low noise.
- If you need a quantity discount quote, please contact us. We're always happy to work with distributors.

All prices are subject to change without notice.

Actual product color, plating, and other details may differ from photo images depending on upstream component availability.

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