

Support Heavy Equipment Designs with Waterproof IP67 RP-TNC Connectors

Amphenol RF expands its reverse polarity TNC product portfolio with new cable mount connectors designed for micro-coaxial cable types.

DANBURY, CT, UNITED STATES, February 8, 2024 /EINPresswire.com/ -- Amphenol RF is pleased to announce the expansion of the popular miniature-sized [TNC](#) interface with additional reverse polarity configurations. These new configurations are designed specifically to accommodate micro-coax cable types including 0.81, 1.32 and 1.37 mm as well as RG-178 cable. Waterproof IP67-rated coaxial connectors are engineered to withstand temporary dust and water ingress which makes these RP-TNC options ideal for



applications where systems may be exposed to external elements. Industrial applications such as heavy equipment and antennas would benefit from the features of these connectors.

These tamper-resistant front mount and bulkhead rear mount RP-TNC connectors are manufactured with brass bodies and beryllium copper contacts. They are tested to MIL-STD-202 specifications for corrosion, vibration, thermal and mechanical shock, and altitude, and operate up to the constraints of the cable assembly. The rear mount feature allows them to be easily mounted onto the inside of a panel. The threaded coupling mechanism used in this interface ensures reliable and secure mating.

The use of micro-coax cable makes these connectors more versatile as they can be used in designs with limited space. Micro-coax cable is extremely flexible and offers high-performance even when used in the bent position. It is often used in high-speed applications where low loss and high shielding is preferred over traditional shielded cables.

View All: [IP67 RP TNC Connectors](#)

About Amphenol RF

Amphenol RF is a leading manufacturer of coaxial connectors for use in radio frequency, microwave, and data transmission system applications. Headquartered in Danbury, Connecticut, USA, Amphenol RF has global sales, marketing and manufacturing locations in North America, Asia and Europe. Standard products include RF connectors, coaxial adapters and RF cable assemblies. Custom engineered products include multi-port ganged interconnect, blind mate and hybrid mixed-signal solutions. For more information, visit: <https://www.amphenolrf.com>

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