



Overview

Amphenol RF offers TNC and RP-TNC cable assemblies designed on micro-coax cable types. These 50 ohm cable assemblies are ideal for applications with space constraints such as IoT infrastructure and consumer devices.

These assemblies feature maximum flexibility and secure mating to ultraminiature interfaces. Using the TNC/RP-TNC mounted externally on a panel, the micro-coax termination can be routed easily within an enclosure to mate with the appropriate AMC or AMC4 PCB or adapter interface.

IP67 and tamper-resistant mounting options are available for the panel mount end of the cable to meet the needs of outdoor or secure applications. These cable assemblies are available in standard imperial lengths from 50 to 300 millimeters.

Features and Benefits

- Popular TNC/RP-TNC panel mating interface
- Easy snap-on/off ultraminiature mating
- Weatherproof and tamper-resistant options
- Flexible cable routing within enclosure

Applications

- Remote measuring equipment
- Ruggedized tablets or notebooks
- Standalone or temporary kiosks
- Handheld or portable devices

Amphenol RF

Four Old Newtown Road
Danbury, CT 06810

For more information visit www.amphenolrf.com
or call 800.627.7100

Ordering Information

TNC to AMC Cable Assemblies

Cable Type	Rear Mount	IP67 Front Mount	IP67 Rear Mount
1.13 mm	336203-12-XXXX	095-850-264-XXX	336209-12-XXXX
1.32 mm	336209-13-XXXX		
RG-178	095-850-283-XXX		095-850-284-XXX

RP-TNC to AMC Cable Assemblies

Cable Type	Rear Mount	IP67 Front Mount	IP67 Rear Mount
1.13 mm	336206-12-XXXX	095-850-263-XXX	336212-12-XXXX
1.37 mm	336206-14-XXXX		
RG-178	095-850-285-XXX		

TNC to AMC4 Cable Assemblies

Cable Type	Rear Mount	IP67 Front Mount	IP67 Rear Mount
1.13 mm	095-850-287-XXX	095-850-281-XXX	095-850-286-XXX

RP-TNC to AMC4 Cable Assemblies

Cable Type	Rear Mount	IP67 Front Mount	IP67 Rear Mount
1.13 mm	095-850-289-XXX	095-850-282-XXX	095-850-288-XXX

Note: 'XXXX' and 'XXX' denotes length code. Consult cable assembly drawings for standard lengths.

Amphenol® RF

Technical Specifications

Electrical

	TNC/RP-TNC	AMC/AMC4
Impedance		50 Ω
Frequency Range		DC – 18 GHz

Mechanical

Mating Cycles	500 Cycles Min.	30 Cycles Min.
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Environmental

Temperature Range	-40° to +90°C
RoHS	Compliant with exemption 6C

Materials

	TNC/RP-TNC	AMC	AMC4
Body	Brass, Nickel Plating	Phosphor Bronze, Gold Plating	Phosphor Bronze, Silver Plating
Female Contact	Brass/Phosphor Bronze, Gold Plating	Phosphor Bronze, Gold Plating	Phosphor Bronze, Gold Plating
Male Contact	Brass/Phosphor Bronze, Gold Plating		
Insulator	PTFE	PBT	High Temp Engineering Plastic

Note: Technical specifications are typical and may vary by specific part number. Please see component drawing.

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