



ROANWELL CORPORATION

Custom Cable Assemblies

Roanwell's experienced assembly line can build custom cables to your exact specifications or drawings, incorporating almost any connector you desire.

With our standard range of switch and junction boxes, Roanwell can add in line components such as amplifiers or switchboxes

Roanwell's in house molding and tooling capabilities allow a quick turnaround creation of custom strain reliefs and junction boxes to your specifications.

FEATURES INCLUDE

Sectors Include:

Medical Cables | Military | Aerospace | Communication

Numerous NSN approvals. In house testing facilities to perform first article testing to military and environmental test specifications.

Commonly Used Connectors:

Lemo | Amphenol | Nexus | MIL-Standard

Jacket Material:

PU | Rubber | TPE | Braided

Can build cables to any length or number of conductors

Options Include:

In line switch box / PTT / Amplifiers / Volume control, overmolded connectors, custom strain reliefs, junction boxes

Can incorporate custom cables into our communication product line (headsets, handsets, microphones)

PRODUCT SPECIFICATIONS

Products have previously been designed to meet*. All testing facilities are available at Roanwell:

Flex Life:	300,000 cycles
Operation Temperature:	-40 °C to +51 °C (-40 °F to 124 °F)
Storage Temperature:	-57 °C to 71 °C (-71 °F to 160 °F)
Immersion:	Up to 20 m deep for 1 hour
Dielectric Strength:	>1000 V
Insulation Resistance:	>1 GOhm
Salt Fog Resistance:	MIL-STD-810
Pull Strength:	>85 lbs of force

**Specifications will depend on materials and connector specified*



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