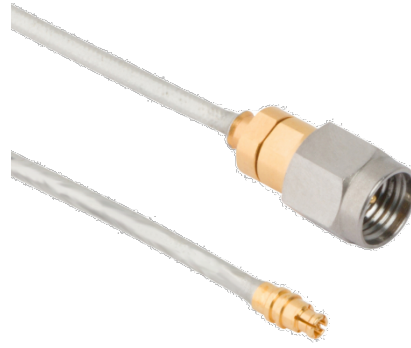


2.92 MM PLUG CABLE ASSEMBLIES

50 ohm assemblies designed on conformable cable



095-725-135-XXX



095-725-134-XXX

Overview

These 2.92 mm plug cable assemblies feature an SMP or SMPM plug on one end, and a 2.92 mm plug on the other end. They come in preconfigured lengths of 6, 9.84 and 12 inches on 0.085-inch conformable cable. Conformable cable types offer increased flexibility and are a versatile alternative to coaxial cables. The dynamicity of conformable cables make these assemblies apt for applications where low loss is integral to functionality.

The 2.92 mm plug cable assembly offers reliable RF performance up to 40 GHz while providing low VSWR. The 2.92 mm interface can mate with SMA and 3.5 mm plugs. The 2.92 mm plug has a threaded coupling while the SMP and SMPM plug interface has a push-on coupling. These features make 2.92 mm cable assemblies ideal for the automotive, military and broadcasting industries.

These configurations join a robust portfolio of 2.92 mm cable assemblies available as off-the-shelf solutions in standard lengths.

Ordering Information

2.92 MM PLUG TO SMP OR SMPM CABLE ASSEMBLY

Part Number	Description
095-725-135-XXX	2.92 mm plug to SMP plug on 0.085-inch conformable cable
095-725-134-XXX	2.92 mm plug to SMPM plug on 0.085-inch conformable cable

Note: 'XXX' denotes length code. See component drawing for available lengths.

Features and Benefits

- Reliable electrical performance up to 40 GHz
- Easy installation
- Ruggedized construction
- Push-on coupling for quick and easy mating

Applications

- Communication
- SATCOM
- Microwave
- Quantum computing
- Military
- Optical testing

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Danbury, CT 06810

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

Technical Specifications

Electrical

	2.92 mm	SMP	SMPM
Impedance	50Ω	50Ω	50Ω
Frequency Range	DC – 40 GHz	DC – 40 GHz	DC – 40 GHz
Dielectric Withstanding Voltage	500 VRMS Min.	500 VRMS Min.	325 VRMS Min.

Environmental

Temperature Range	–65°C to +165°C	–65°C to +165°C	–65°C to +165°C
RoHS Compliance	Compliant with exemption 6C	Compliant with exemption 6C	Compliant with exemption 6C

Mechanical

Mating Cycles	100 Min.	100 Min.	100 Min.
Coupling Mechanism	Threaded	Push-on	Push-on

Materials

Body	Gold-plated stainless steel	Gold-plated beryllium copper	Gold-plated beryllium copper
Contact	Gold-plated beryllium copper	Gold-plated beryllium copper	Gold-plated beryllium copper

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

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