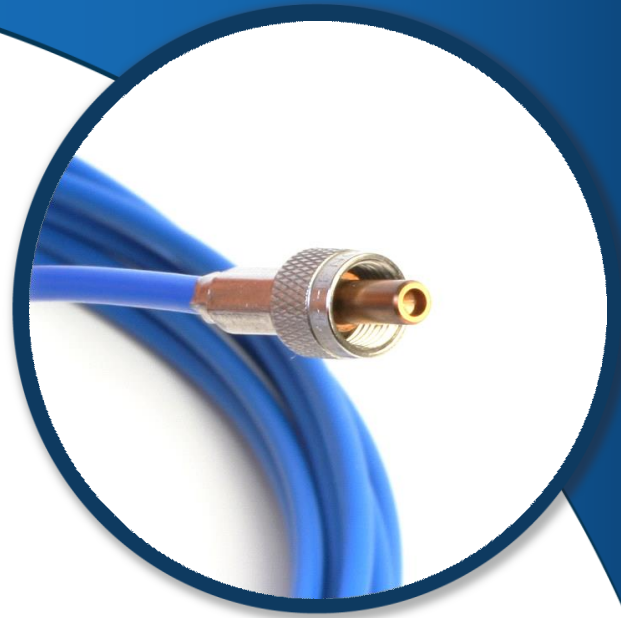


Custom Damage Resistant Assemblies

Amphenol's 907 Custom Damage Resistant Cable assemblies are designed for high power applications and utilize air gap ferrule technology. The air gap ferrule technology eliminates energy absorbing materials near the fiber end face such as epoxies, connector materials and coatings. The connector ferrules can be made of stainless steel, beryllium copper, or other customer specified material. The ferrule is used as a heat sink, pulling the heat quickly away from the fiber. Damage threshold on these types of connectors will vary based on launch conditions and operational wavelength.



Features and Benefits

Custom designed SMA connector available on request

Amphenol is capable of designing and producing an entire "end-to-end" assembly solution, from connector to connector

Amphenol's accelerated design and development cycle, allows for quick response to the customer needs, when time is limited

Rapid ramp-up production method, allows Amphenol to swiftly support production when demand is greater than customer's current production capabilities

Can withstand Autoclave and ETO Sterilization process

Specifications

Multimode IL:
 $\leq 0.35\text{dB}$ Typical;
 $< 0.75\text{dB}$ Max.

Singlemode IL:
 $\leq 0.35\text{dB}$ Typical
 $< 0.75\text{dB}$ Max.

Return Loss:
 $\leq -45\text{dB}$

Operating Temperature:
 -40° to 85°C

Durability:
 > 50 mating cycles

Applications

- Medical Specialty
- Data Communications
- Industrial
- Military

Industry Compliance

RoHS compliant

Ordering Information

*Please call customer service for additional configurations

Part Number	Description
907-99999-00303	SMA PIGTAIL, DR, BERY COPPER 200/240/260/400 μm , 1.2M
907-99999-00310	SMA JUMPER, DAM RES, 550/600 μm , W/SS TUBING, 2M