

## Coax Connector and Cable Assembly Series

AMETEK SCP's line of coaxial connectors offer exceptional performance for applications ranging from sea surface to deep ocean. Robust and reliable, the glass-to-metal sealed receptacles provide panel or bulkhead protection not available in IP-67 class connectors, at a fairly modest premium. AMETEK SCP offers these connectors in an assortment of standard styles and cabling options, and can quickly evaluate custom components and applications if required.

### General Characteristic

Characteristic Impedance .....	50 Ohms
Insulation Resistance .....	Minimum of 5,000 M $\Omega$ @500VDC
Frequency Range .....	Up to 3 GHz (varies with cable selection)
Dielectric Withstand Voltage .....	1,000 V
Pressure Rating .....	10,000 psi
Material .....	316/316L Stainless Steel

### Basic Connector Styles



**CPA2155**  
In-line Overmolded Plug



**CRA2154**  
Glass Sealed Bulkhead Receptacle



**CPA2902**  
Right Angle Overmolded Plug



**CPA2963**  
In-line Overmolded Receptacle