



# Ruggedized Connectors

## for demanding applications and harsh environments



- Protected against water and dust (IP68 Ingress Protection Rating)
- Wide range of operating temperature  $-40^{\circ}\text{C}/+70^{\circ}\text{C}$
- Chemical resistance
- Exceed ODVA requirements
- Applicable to outdoor installation and harsh environments Custom solution

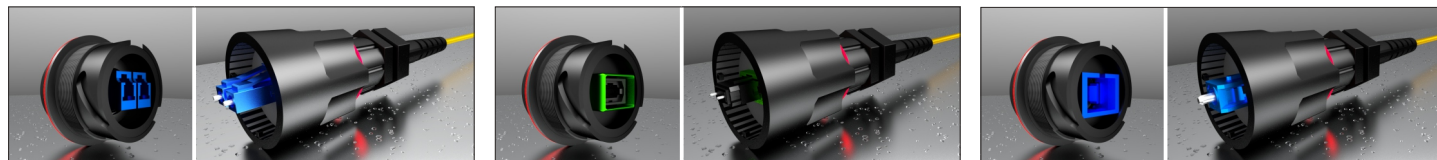
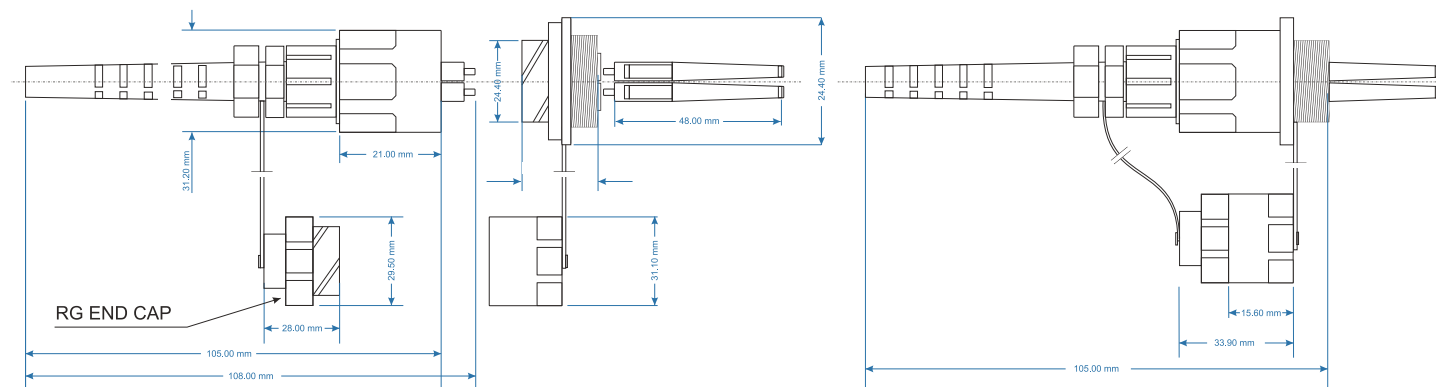
SQS Vláknová optika offers low cost rugged fiber optic connectivity solutions that ensure resistance to bad weather and harsh environment thus they are ideal for outdoor installation such as the Fiber to the Antenna (FTTA) concept or security technology. This product line includes connectors, bulkhead receptacles, distribution boxes, cable drums and UV light resistant cables with flame retardant jacket.

SQS ruggedized connectors and adapters are provided in a plastic version as well as in a metal one that is even more durable and are available with or without end caps. They features a standard bayonet locking system that ensures easy, quick and reliable connection and allows mating to other similar mechanical locking systems. SQS fiber optic cable assemblies are manufactured and tested to the most rigorous industry standards and their optical and mechanical performance meets IEC, CENELEC and Telcordia specifications.

	LC-RGDuplex SM/MM UPC	LC-RG Duplex SM/MM APC	MPO-RG 12f. SM Female/Male	MPO-RG 12f. MM Female/Male	SC-RG SM/MM UPC	SC-RG SM/MM APC
Insertion Loss	0.22 dB Typical 0.3 dB Maximum	0.22 dB Typical 0.3 dB Maximum	0.25 dB Typical 0.75 dB Maximum	0.25 dB Typical 0.75 dB Maximum	0.22 dB Typical 0.3 dB Maximum	0.22 dB Typical 0.3 dB Maximum
Return Loss	> 50 dB 55 dB Typical	> 60 dB 68 dB Typical	> 20 dB (flat polished)	> 60 dB (8° angle polished)	> 50 dB 55 dB Typical	> 60 dB 68 dB Typical

Another version, according to customer

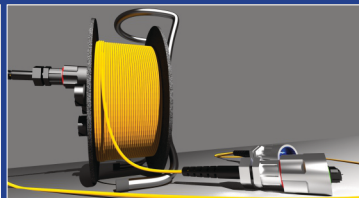
Drawing Variant RG Connector LC Duplex & RG Receptacle



Rugged connectors can be supplied in various versions (LC UPC / APC, SC UPC / APC, MPO MM / SM UPC / APC)

### Examples of Use

Example of use of connectors on the cable reel



Example of the use of connectors in the junction box

