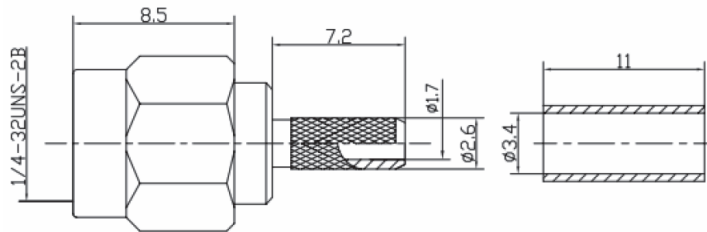


SM-7901-3

SMA male crimp connector

For RG316 or RG174A/U miniature cables



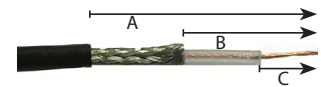
Interface	According to IEC 60169-15
Frequency range	DC - 6 GHz
VSWR	≤1.20 at DC-3 GHz
Impedance	50Ω (Ohms)
Dielectric withstanding voltage	≥1000V RMS, 50 Hz, at sea level
Dielectric resistance	≥5000 MΩ
Contact resistance	Centre Contact - ≤3.0mΩ Outer Contact - ≤2.5mΩ
Durability	≥500 mating cycles
Temperature range	-40°C to +85°C
Compatible coaxial cables	SKU: 7853-2: RG316 - miniature, solid core, teflon dielectric SKU: 7877-500: RG174A/U - MIL-SPEC, miniature, stranded core, solid PE dielectric

Strip dimensions

Outer: 12.0mm - A

Braid: 5.0mm - B

Dielectric: 3.0mm - C



Construction

Body	Gold plated brass
Insulator	PTFE (teflon)
Centre contact	Gold plated phosphor copper
Coupling nut	Gold plated brass
Ferrule	Nickel plated annealed copper
Gasket	Silicon rubber

