

QSM-8317-7

QMA 'Quick-lock' right-angle SMA male
For MIL-SPEC RG58 cables



Interface	According to IEC 60169
Frequency range	DC - 6 GHz
VSWR	$\leq 1.25:1$ at DC-3 GHz
Impedance	50 Ω (Ohms)
Dielectric withstanding voltage	$\geq 1000V$ RMS, 50 Hz, at sea level
Working voltage	$\leq 480V$
Dielectric resistance	$\geq 5000 M\Omega$
Contact resistance	Centre Contact - $\leq 2.5m\Omega$ Outer Contact - $\leq 3.0m\Omega$
Durability	≥ 200 mating cycles
Interface retention force	$\geq 60N$
Temperature range	-40°C to +85°C
Compatible coaxial cables	SKU: 7803-100 / 7803-300: RG58A/U - MIL-SPEC stranded core, solid PE dielectric, black jacket - also available in white jacket SKU: 7839-100 / 7839-300: RG58 low loss - MIL-SPEC solid core, foam PE dielectric, black jacket - also available in white jacket

Construction

Body	Nickel plated brass
Insulator	PTFE (teflon)
Centre contact	Gold plated phosphor copper
Outer contact	Nickel plated phosphor copper
Ferrule	Nickel plated annealed copper
Sealing cap	Nickel plated brass

