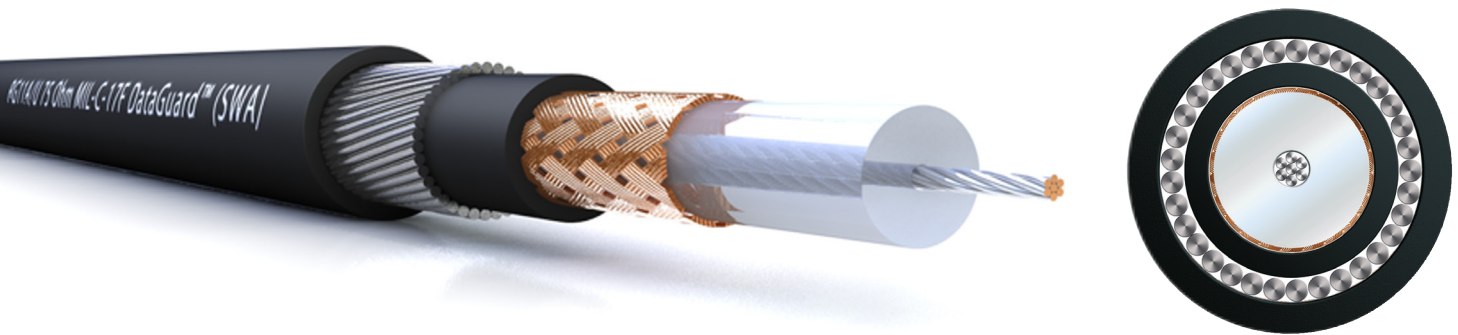


RG11A/U 75 Ω MIL-C-17F DataGuard™ (SWA) LSZH FireFighter™



Cable Construction		Electrical Characteristics		
Inner Conductor	Stranded tinned copper, 7x0.40mm	Inner Conductor resistance	20.5 Ω/km	
Dielectric	Solid Polyethylene, Ø 7.25 ± 0.18mm	Outer Conductor resistance	4.5 Ω/km	
Braid	Bare copper braid, BC 0.18x192	Capacitance	67 pF/m	
Braid coverage	98 ± 2 %	Velocity ratio	66 %	
Inner Jacket	LSZH FireFighter™, Black, Ø 10.30 ± 0.18mm	Impedance	75 ± 3 Ω	
Armour	DataGuard™ Steel Wire Armour (SWA)	Screening effectiveness	100-900 MHz	> 55 dB
Outer Jacket	LSZH FireFighter™, Black, Ø 14.30 ± 0.20mm		50 MHz	4.2 dB/100m
			100 MHz	6.2 dB/100m
			200 MHz	9.3 dB/100m
			400 MHz	13.8 dB/100m
			500 MHz	15.5 dB/100m
			600 MHz	17.1 dB/100m
			860 MHz	21.1 dB/100m
			1000 MHz	23.4 dB/100m
			30-300 MHz	> 30 dB
		Structural return loss	300-600 MHz	> 27 dB
			600-900 MHz	> 25 dB
Thermal Characteristics				
Temperature range	-30° C up to +70° C			