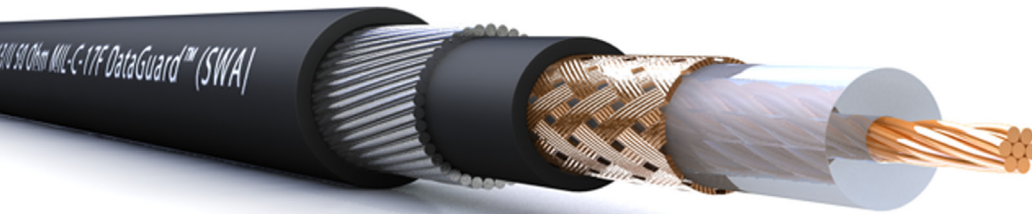


# RG213/U 50 Ω MIL-C-17F DataGuard™ (SWA) LSZH FireFighter™



Cable Construction		Electrical Characteristics		
Inner Conductor	Stranded bare copper, 7x0.75mm	Inner conductor resistance	6 Ohm/km	
Dielectric	Solid Polyethylene, Ø 7.25 ± 0.18mm	Outer conductor resistance	4 Ohm/km	
Braid	Bare copper braid, BC192x0.18mm	Impedance	50 ± 3 Ohm	
Braid coverage	98 %	Capacitance	100 pF/m	
Inner Jacket	LSZH FireFighter™, Black, Ø 10.3 ± 0.18mm	Velocity ratio	66 %	
Armour	DataGuard™ Steel Wire Armour (SWA)	Screening effectiveness	100 - 900 MHz	> 55 dB
Outer Jacket	LSZH FireFighter™, Black, Ø 14.3 ± 0.20mm	Attenuation	50 MHz	4.5 dB/100m
			100 MHz	6.7 dB/100m
			200 MHz	9.9 dB/100m
			400 MHz	14.3 dB/100m
			500 MHz	16.1 dB/100m
			600 MHz	17.8 dB/100m
			860 MHz	22.1 dB/100m
		1000 MHz	24.3 dB/100m	
		Structural return loss	30 - 300 MHz	> 31 dB
			300 - 600 MHz	> 28 dB
			600 - 900 MHz	> 27 dB
Thermal Characteristics				
Temperature range	-30°C up to +70°C			