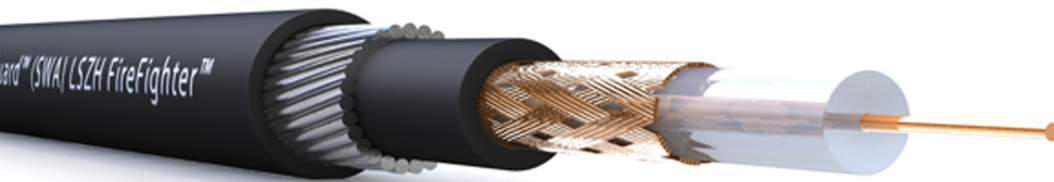


RG59B/U 75 Ω MIL-C-17F; MIL-C-17G DataGuard™ (SWA) LSZH FireFighter™



Cable Construction		Electrical Characteristics	
Inner Conductor	Solid copper clad steel, 1x0.59mm ± 0.01mm	Max. Conductor DC resistance at 20°C	< 239 Ω/km
Dielectric	Solid Polyethylene, Ø 3.70 ± 0.15mm	Min. Insulation DC resistance at 20°C	> 1000 MΩ*km
Braid	Bare Copper Braid, BC0.15±0.008x16x7	Rated Voltage	30 V
Braid coverage	95 %	Capacitance	67 pF/m
Inner Jacket	LSZH FireFighter™, Black, Ø 6.10 ± 0.20mm	Velocity ratio	66 %
Armour	DataGuard™ Steel wire armour (SWA)	Impedance	75 Ω
Outer Jacket	LSZH FireFighter™, Black, Ø 10.1 ± 0.2 0mm	Transfer Impedance at 3 MHz	36 mΩ/m
		10 MHz	3.50 dB/100m
		100 MHz	11.00 dB/100m
	Attenuation at 20°C ± 8 %	200 MHz	16.00 dB/100m
		400 MHz	24.00 dB/100m
		1000 MHz	38.00 dB/100m
		10 MHz	1100 W
		100 MHz	340 W
	Maximum Power Rating at 20°C	200 MHz	230 W
		400 MHz	180 W
		1000 MHz	105 W
	Return Loss	10 - 300 Mhz	> 30 dB
		300 - 1000 MHz	> 26 dB