

RG174A/U 50 Ω MIL-C-17F; MIL-C-17G and MIL-C-17D 90% Braid LSZH FireFighter™



Cable Construction		Electrical Characteristics		
Inner Conductor	Stranded copper clad steel, 7x0.16 ± 0.008mm	Max. Conductor DC resistance at 20°C	330 Ω/km	
Dielectric	Solid Polyethylene, Ø 1.52mm	Min. Insulation DC resistance at 20°C	> 1000 MΩ*km	
Braid	Tinned copper, TC0.10±0.008x16x5	Rated Temperature	85°C	
Braid coverage	90 %	Rated Voltage	30 V	
Outer Jacket	LSZH FireFighter™, Black, Ø 2.60 ± 0.20mm	Capacitance	101 pF/m	
Mechanical and Thermal Characteristics		Velocity ratio	66 %	
Operating Temperature	-40°C up to +85°C	Impedance	50 ± 2 Ω	
Min. Bending radius for Installation	50 mm	Attenuation at 20°C	10 MHz	9.80 dB/100m
Fire Propagation	acc. to IEC 60332-1		100 MHz	31.00 dB/100m
			200 MHz	51.00 dB/100m
			400 MHz	74.00 dB/100m
			1000 MHz	120.00 dB/100m
		Maximum Power Rating at 20°C	10 MHz	240 W
			100 MHz	68 W
			200 MHz	45 W
			400 MHz	32 W
		Return loss	1000 MHz	18 W
			10 - 300 MHz	> 23 dB
			300 - 1000 MHz	> 21 dB