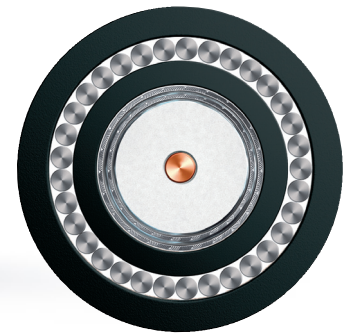
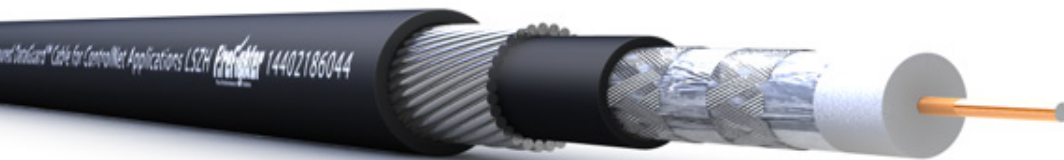




# Quad Shield Armoured DataGuard™ Cable for ControlNet Applications LSZH FireFighter™



14402186044

Cable Construction		Electrical Characteristics		
Inner Conductor:	Solid copper coated steel, 1z0.98mm	Characteristic Impedance (nom.)	75 Ohm	
RG Type:	6/U	Inductance (nom.)	0.3201 µH/m	
AWG:	18	Capacitance Conductor to Shield (nom.)	53.46 pF/m	
Dielectric:	Gas-Injected Foam Polyethylene	Velocity of Propagation (nom.)	82%	
Screen 1):	Aluminium/polyester tape screen, 100% coverage	Nominal Delay	4.224 ns/m	
Shield 2):	Aluminium Braid, 60% coverage	Conductor D.C.R	92.4 Ohm/km	
Screen 3):	Aluminium/polyester tape screen, 100% coverage	Outer Shield D.C.R	11.88 Ohm/km	
Shield 4):	Aluminium Braid, 40% coverage	Min. Structural Return Loss 5 MHz Start to 50MHz Stop	23dB	
Inner Jacket:	LSZH FireFighter™ SHF-1 , Ø 7.7 mm		1 MHz	1.15 dB/100m
Armour:	DataGuard™ Steel Wire Armour (DSWA)		2 MHz	1.25 dB/100m
Outer Jacket:	LSZH FireFighter™ SHF-1 , Ø 11.50 mm		5 MHz	1.48 dB/100m
Fire Behaviour:	IEC60754-1, IEC60754-2, IEC60332-1-2, IEC60332-3-24, IEC61034, IEC60092		10 MHz	1.94 dB/100m
<b>Mechanical and Thermal Characteristics</b>		Attenuation	20 MHz	2.83 dB/100m
Temperature range			50 MHz	4.52 dB/100m
Max. Pulling Tension			100 MHz	6.50 dB/100m
Min. Bend radius			200 MHz	9.30 dB/100m
Weight			300 MHz	11.48 dB/100m
			400 MHz	13.33 dB/100m