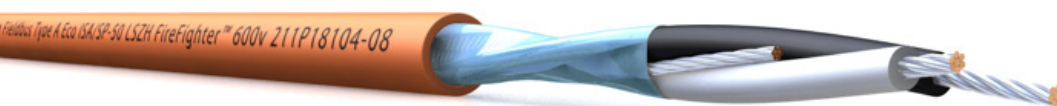




# Foundation Fieldbus ISA/SP50 Type A LSZH FireFighter™ 600 V



Part Number	Type	Colour
211P18104-08	Standard LSZH FireFighter™	Orange 
211P18104-02	(IS) LSZH FireFighter™	Blue 

Application	Cable Construction	
ISA/SP50 Type A -IEC 61158-2 - LSZH FireFighter™ acc. to IEC60332-1 IEC60332-3 IEC61034 IEC60754-1	Conductor	Stranded tinned copper Wire, 18awg <span style="float: right;">7 x 0.40 mm</span>
	Insulation	Polyolefin
	Colour Code	Black/White twisted pair, Plastic tape overlapped
	Drain Wire	Stranded tinned copper wire <span style="float: right;">7 x 0.30 mm</span>
	Screen	Overall Aluminium/polyester tape <span style="float: right;">100% coverage</span>
	Outer Jacket	LSZH FireFighter™ IEC60332-1 <span style="float: right;">Ø 6.7 mm</span>
	<b>Electrical Data</b>	
	Impedance	100 Ohm/km
	Inductance	62.7 µH/m
	Capacitance Conductor/Shield @ 1 kHz	148.5 pF/m
	Mutual Capacitance at 1KHz	79.2 pF/m
	Maximum Capacitance Unbalance @ 1 kHz	3.96 pF/m
	Velocity of Propagation	66%
	Conductor D.C.R	19.33 Ohms/km
	Shield D.C.R	24.75 Ohms/km
	Nom. Attenuation	0.01 MHz <span style="float: right;">0.4 dB/100m</span>
		0.039 MHz <span style="float: right;">0.5 dB/100m</span>
		0.10 MHz <span style="float: right;">0.8 dB/100m</span>
		0.50 MHz <span style="float: right;">2.1 dB/100m</span>
		1.00 MHz <span style="float: right;">3.2 dB/100m</span>