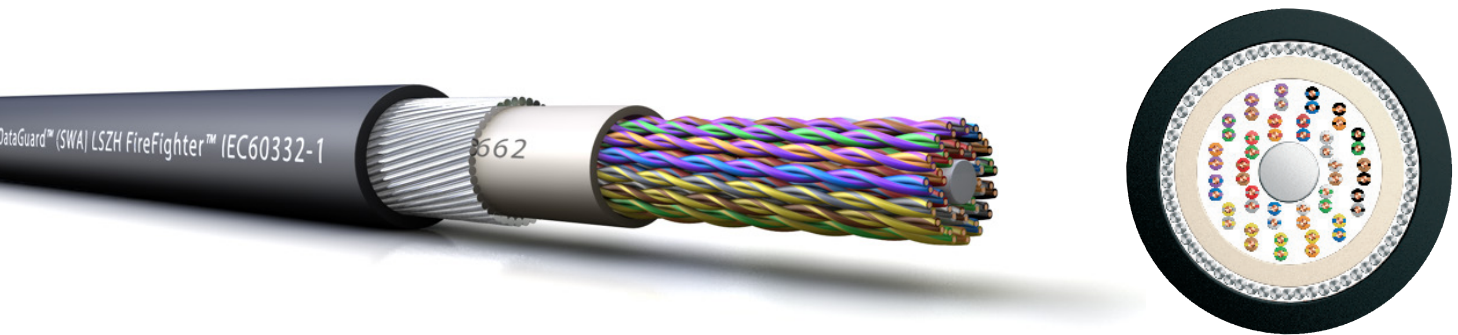


SureLAN™ 5e U/UTP 25 Pair DataGuard™ (SWA) LSZH FireFighter™ IEC60332-1



Test Standard		Cable Construction		
TIA/EIA-568-B.2-1 6/2002.ISO/IEC 11801 2nd ed.		Conductor	Solid bare copper wire	1 x 0.51 mm
		Insulation	Polyethylene (PE)	Ø 0.91 mm
		No. Of Pairs	25 (Colour code chart 4)	
Electrical Data at 20°C		Filler	Solid PE	Ø 4.0 mm
Conductor resistance	≤ 10.55 Ω/100m	Tape	mylar tape wrapped around pairs	
Min. Insulation resistance	≥ 200 MΩ*M	Inner Jacket	LSZH FireFighter™ IEC60332-1, Ivory	Ø 12.0 ± 0.5 mm
Characteristic impedance 1-100 MHz	100 ± 15 Ω	Armour	DataGuard™ Steel Wire Armour (DSWA)	
Rated voltage	150 V	Outer Jacket	LSZH FireFighter™ IEC60332-1, Black	Ø 15.8 ± 0.4 mm

Frequency (MHz)	Attenuation (dB) ± 30%	Return Loss (dB) (min)	Next Worst Pair (dB) (min)
1	2.0	20.0	65.3
4	4.1	23.0	56.3
8	5.8	24.5	51.8
10	6.5	25.0	50.3
16	8.2	25.0	47.3
20	9.3	25.0	45.8
25	10.4	24.3	44.3
31.25	11.7	23.6	42.9
62.5	17.0	21.5	38.4
100	22.0	20.1	35.3

Part Number	Type	Colour
144662	LSZH FireFighter™	Black