

FireFighter® LSZH 450Series Multi-Pair 24awg 600 Volts

Cable Design

Core

Conductor	Stranded tinned copper wire (24awg)
Insulation	Foam Polyethylene

Shielded Pair

Pair	2 cores twisted to a pair
Drain Wire	Stranded tinned copper drain wire
Screen	Aluminium/Polyester tape

Assembly

Centre	X shielded pairs stranded
No. of shielded Pairs	2, 3, 4, 5, 6, 7, 8, 10, 15, 18 or 25
Pair identification	Chart 3
Screen	Overall Aluminium/polyester tape
Braid	Tinned copper wire braid, 66% coverage

Outer Jacket

Colour	LSZH FireFighter® SHF-1
Rated Voltage	Grey RAL 7001
Temperature Range	600 V
	-20°C up to +90°C



Image shown : 4504P2454



Standards

Flame Retardant	IEC 60332-1 flame resistance for single cables
Flame Retardant	IEC 60332-3 flame resistance for bunched cables
Halogen Free	IEC 60754 series
Smoke Emission	IEC 61034 series
827.50-2	IEC 60092-359

Specification

Part Number	Formation <i>No. of Pairs</i>	Nom. Ø <i>mm</i>	Weight <i>kg/km</i>
4502P2454	2 x 2 x 24 awg	8,30	92
4503P2454	3 x 2 x 24 awg	8,70	102
4504P2454	4 x 2 x 24 awg	9,40	121
4505P2454	5 x 2 x 24 awg	10,00	131
4506P2454	6 x 2 x 24 awg	10,80	148
4507P2454	7 x 2 x 24 awg	10,80	157
4508P2454	8 x 2 x 24 awg	11,60	177
4510P2454	10 x 2 x 24 awg	14,20	250
4515P2454	15 x 2 x 24 awg	16,20	325
4518P2454	18 x 2 x 24 awg	16,70	350
4525P2454	25 x 2 x 24 awg	20,00	521

Electrical Characteristics

Part Number	Nom. Capacitance <i>(cond./cond.)</i> <i>pF/m</i>	Nom. Capacitance <i>(cond./cond./scrn)</i> <i>pF/m</i>	Nom. Conductor DC Resistance <i>Ω/km</i>	Nom. Ind. Screen DC Resistance <i>Ω/km</i>	Nom. Ovr. Screen DC Resistance <i>Ω/km</i>	Nom. Impedance <i>Ω</i>
4502P2454	41	72,2	78,7	59,1	14,1	100
4503P2454	41	72,2	78,7	59,1	14,1	100
4504P2454	41	72,2	78,7	59,1	14,1	100
4505P2454	41	72,2	78,7	59,1	14,1	100
4506P2454	41	72,2	78,7	59,1	14,1	100
4507P2454	41	72,2	78,7	59,1	14,1	100
4508P2454	41	72,2	78,7	59,1	14,1	100
4510P2454	41	72,2	78,7	59,1	14,1	100
4515P2454	41	72,2	78,7	59,1	14,1	100
4518P2454	41	72,2	78,7	59,1	14,1	100
4525P2454	41	72,2	78,7	59,1	14,1	100