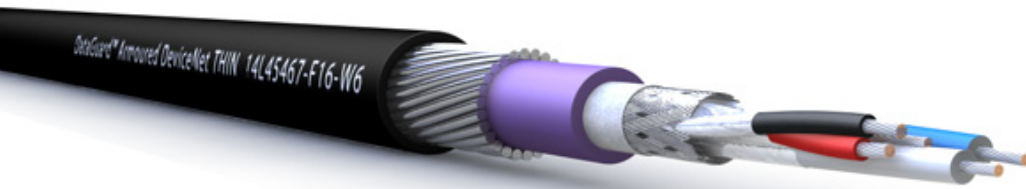


# DeviceNet™ DataGuard™ Armoured Thin Cable LSZH FireFighter™



14L45467-F16-W6

Cable Construction		Electrical Data @ 20°C		
<b>a) Data Pair 02YS 0.67/1.9</b>		Conductor resistance	Pair to a)	≤ 90 Ω/km
Conductor	Stranded tinned copper wire, 19x0.13mm, Ø 0.67mm	Conductor resistance	Pair to b)	≤ 55 Ω/km
Insulation	Foamed polyethylene (PE) with skin, Ø 1.9mm	Capacitance (1kHz wire/wire)	Pair to a)	≈ 39.8 nF/km
Screen	Alulamine foil overlapped	Characteristic impedance (1MHz)	Pair to a)	120 ± 12 Ω
<b>b) Power Pair LI2Y</b>		Signal run time	Pair to a)	≤ 4.46 ns/m
Conductor	Stranded tinned copper wire, 19x0.16mm, Ø 0.75mm	Capacity unbalanced to ground	Pair to a)	≤ 3937 pF/0km
Insulation	Polyethylene (PE), Ø 1.4mm	Operating voltage (peak)		≤ 300 V
Screen	Alulamine foil overlapped	Insulation resistance		≥ 200 MΩ*km
<b>Core</b>		Test voltage (wire/wire/screen)	rms 50Hz	= 2000 V
Central element	Stranded tinned copper drain wire, 19x0.16mm	Attenuation	125 MHz	0.95 dB/100m
Data Pair	02YS 0.67/1.9		500 MHz	1.64 dB/100m
Power Pair	LI2Y 0.75/1.4		1000 MHz	2.29 dB/100m
Filler	fillers in gaps	<b>Other Characteristics</b>		
Shield	Tinned copper wire braid, 0.13mm, 70% coverage	Armoured DataGuard™ DeviceNet Thin cable for permanent installation LSZH FireFighter™. 2x24AWG + 2x22AWG		
Inner Jacket	LSZH FireFighter™, Ø 6.9 ± 0.3mm	Inner Cable: UL listed: CMG and CL3		
Armour	DataGuard™ Steel Wire Armour (DSWA)	Overall Cable: - Outdoor Use - Direct Burial - UV Stable - Rodent Protection		
Outer Jacket	LSZH FireFighter™			