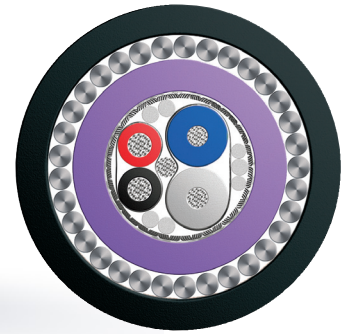
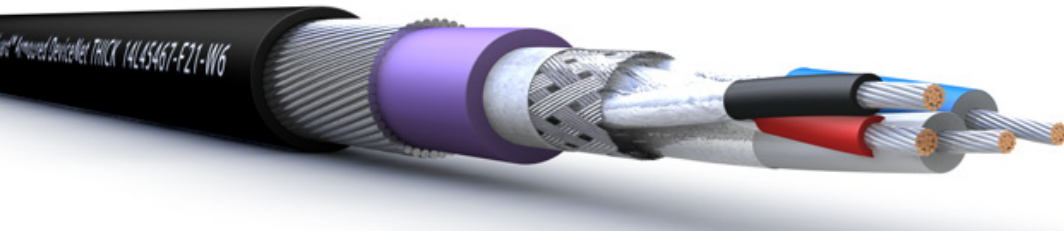


DeviceNet™ DataGuard™ Armoured Thick Cable LSZH FireFighter™



14L45467-F21-W6

Cable Construction		Electrical Data @ 20°C		
a) Data Pair 02YS 1.3/3.8		Conductor resistance	Pair to a)	≤ 22.6 Ω/km
Conductor	Stranded tinned copper wire, 19x0.25mm, Ø 1.3mm	Conductor resistance	Pair to b)	≤ 11.7 Ω/km
Insulation	Foamed polyethylene (PE) with skin, Ø 3.8mm	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) Power Pair LI2Y		Signal run time	Pair to a)	≤ 4.46 ns/m
Conductor	Stranded tinned copper wire, 19x0.34mm, Ø 1.7mm	Capacity unbalanced to ground	Pair to a)	≤ 3937 pF/0km
Insulation	Polyethylene (PE), Ø 2.7mm	Operating voltage (peak)		≤ 300 V
Screen	Alulamine foil overlapped	Insulation resistance		≥ 200 MΩ*km
Core		Test voltage (wire/wire/screen)	rms 50Hz	= 2000 V
Central element	Stranded tinned copper drain wire, 19x0.24mm	Attenuation	125 MHz	0.42 dB/100m
Data Pair	02YS 1.3/3.8		500 MHz	0.81 dB/100m
Power Pair	LI2Y 1.7/2.7		1000 MHz	1.31 dB/100m
Filler	fillers in gaps	Other Characteristics		
Shield	Tinned copper wire braid, 0.13mm, 70% coverage	Armoured DataGuard™ DeviceNet Thick cable for permanent installation LSZH FireFighter™. 2x18AWG + 2x15AWG		
Inner Jacket	LSZH FireFighter™, 1.8mm wall thickness 12.2 ± 0.3mm	Inner Cable: UL listed: CMG and PLTC		
Armour	DataGuard™ Steel Wire Armour (DSWA)	Overall Cable: - Outdoor Use - Direct Burial - UV Stable - Rodent Protection		
Outer Jacket	LSZH FireFighter™			