

# Defence Standard 61-12 Part 5 LSZH Screened Multicore Flexible Cable

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RoHS  
Compliant



## Application:

These multicore flexible cables are designed for high density wiring between components within instruments and electronic equipment. They are extensively used in aircraft, process control systems, computers, data processors, military vehicles and military equipment. The LSZH construction ensures enhanced performance in the event of fire reducing the emission of smoke and toxic fumes making them a perfect solution for sensitive equipment areas.

## Cable Standards:

Made in accordance with the following:

Generally to Def Stan 61-12 Part 5,  
BS EN/IEC 60754-1 and 2 BS EN 50267-2-1 and 2, BS EN/IEC 61034-1

## Construction:

Conductor	: Stranded tinned copper conductor
Sizes	: 16 strands/0.2 mm
Insulation	: LSZH (Low Smoke Zero Halogen)
Tape	: Mylar
Drain Wire	: Stranded tinned copper
Screen	: AL-foil
Rip Cord	: Nylon
Sheath	: LSZH (Low Smoke Zero Halogen)

## Characteristics:

Voltage Rating	: 440V r.m.s. at frequencies up to 1.6kHz
Max. Resistance of Conductor at 20°C	: 16/0.2: 40.1Ω/km
Min. Bending Radius	: 7.5 × overall diameter (Fixed)
Temperature Rating	: -30°C to +60°C (Fixed) -15°C to +60°C (Flexed)
Current Rating	: 2.5 amps
Sheath Colour	: Black

## Core Identification:

No. of Cores	Core Identification
1	RED
2	BLUE
3	GREEN
4	YELLOW

Base colours are indicated by capital letters

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## Dimensions:

LSZH Insulated, Foil Screen, LSZH Sheath

Part Number	Cable Identification Code	No. of Cores	Nominal Overall Diameter mm	Nominal Weight kg/km
PP000937	16-2-2S	2	4.8	45
PP000938	16-2-4S	4	6.2	60

## Part Number Table

Description	Reel Length (m)	Part Number
Defence Standard 61-12 Part 5 LSZH Screened Multicore Flexible Cable	50	PP000937
		PP000938

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