

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

pro-POWER

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

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

pro-POWER

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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-POWER is the registered trademark of the Group. © Premier Farnell plc 2012.

www.element14.com
www.farnell.com
www.newark.com
www.cpc.co.uk

pro-POWER

X-ON Electronics

Authorized Distributor

Click to view similar products for [Pro Power manufacturer](#).

Other Similar products are found below :

[PPCY4C075100M](#) [PPCY3C10050M](#) [PPC217](#) [PP001328](#) [PP001316](#) [PP001109](#) [PP001088](#)

[PP000940](#) [PP030](#) [PP000909](#) [PP001326](#) [PP001308](#) [PP000877](#) [PP000868](#) [PP000704](#)

[PP001163](#) [PP001156](#) [PP001085](#) [PP000510](#) [PP001076](#) [PP000944](#) [PP000914](#) [PP000407](#)

[PP000386](#) [PP000870](#)