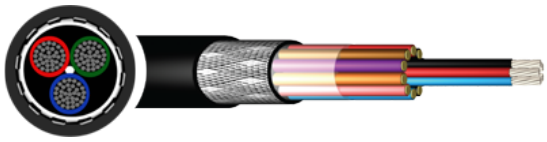
Defence Standard Control Cable - DEF 61-12, LSZH - 0.5mm



Description

Defence Standard cables were initially manufactured for military use to Defence Standard 61/12 Part 4 and 5. However, they are now more commonly used for industrial applications such as aircraft, computers and data processors. The cable can withstand contamination of fuel and mineral based fluids.

Core Identification: Please refer to associated colour code chart PDF download

Key Features

Voltage Rating
440 Volts

Minimum Bending Radius
10 x Overall Diameter

Temperature Limits
Temperature Range: -55°C to +70°C

Temperature Limits
Temperature Range: -20°C to +70°C

Standards

- VDE 0295
- Generally to Ministry of Defence Standard DEF61-12 LSF:
  Part 4 for 7/0.2 Conductor
  Part 5 for 16/0.2 conductor

Construction

- **Conductor**: Class 5 tinned copper
- **Insulation**: Low Smoke Zero Halogen (LSZH)
- **Binder Tape**: Non-hygroscopic binder tape
- **Separator**: Polyester Tape (PET)
- **Armour**: Tinned copper wire braid (TCWB)
- **Outer Sheath**: Low Smoke Zero Halogen (LSZH)
- **Sheath Colour**: Black

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory
31196

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

Defence Standard Control Cable - DEF 61-12, LSZH - 0.5mm - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Gland Size
LSF722C	0.22	2	7/0.20	3.9	27	16
LSF724C	0.22	4	7/0.20	4.6	32	16
LSF726C	0.22	6	7/0.20	5.9	55	16
LSF728C	0.22	8	7/0.20	6.0	69	16
LSF7212C	0.22	12	7/0.20	7.2	83	16
LSF1622C	0.5	2	16/0.20	6.9	69	16
LSF1623C	0.5	3	16/0.20	7.2	79	16
LSF1624C	0.5	4	16/0.20	7.7	92	16
LSF1626C	0.5	6	16/0.20	8.7	120	20
LSF1628C	0.5	8	16/0.20	8.9	135	20
LSF16212C	0.5	12	16/0.20	11	198	20
LSF16218C	0.5	18	16/0.20	12.5	250	20
LSF16225C	0.5	25	16/0.20	14.6	320	25
LSF16236C	0.5	36	16/0.20	16.7	460	25

DEFENCE STANDARD 61-12 - CORE COLOURS

CORE NUMBER	CORE COLOUR
1	RED
2	BLUE
3	GREEN
4	YELLOW
5	WHITE
6	BLACK
7	BROWN
8	VIOLET
9	ORANGE
10	PINK
11	TURQUOISE
12	GREY

CORE NUMBER	CORE COLOUR
13	RED/BLUE
14	GREEN/RED
15	YELLOW/RED
16	WHITE/RED
17	RED/BLACK
18	YELLOW/BLUE
19	RED / BROWN
20	WHITE/BLUE
21	BLUE/BLACK
22	ORANGE/BLUE
23	GREEN/BLUE
24	GREY/BLUE

CORE NUMBER	CORE COLOUR
25	YELLOW/GREEN
26	WHITE/GREEN
27	GREEN/BLACK
28	ORANGE/GREEN
29	GREY/GREEN
30	YELLOW/BROWN
31	WHITE/BROWN
32	BROWN/BLACK
33	GREY/BROWN
34	YELLOW/VIOLET
35	VIOLET/BLACK
36	WHITE/VIOLET

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.