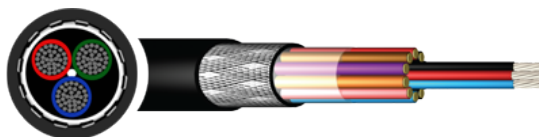


## Defence Standard Control Cable - DEF 61-12, LSZH - 0.5mm



### 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

### QA Lab

#### 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. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



#### 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

#### ecovadis

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	CORE NUMBER	CORE COLOUR	CORE NUMBER	CORE COLOUR
1	RED	13	RED/BLUE	25	YELLOW/GREEN
2	BLUE	14	GREEN/RED	26	WHITE/GREEN
3	GREEN	15	YELLOW/RED	27	GREEN/BLACK
4	YELLOW	16	WHITE/RED	28	ORANGE/GREEN
5	WHITE	17	RED/BLACK	29	GREY/GREEN
6	BLACK	18	YELLOW/BLUE	30	YELLOW/BROWN
7	BROWN	19	RED / BROWN	31	WHITE/BROWN
8	VIOLET	20	WHITE/BLUE	32	BROWN/BLACK
9	ORANGE	21	BLUE/BLACK	33	GREY/BROWN
10	PINK	22	ORANGE/BLUE	34	YELLOW/VIOLET
11	TURQUOISE	23	GREEN/BLUE	35	VIOLET/BLACK
12	GREY	24	GREY/BLUE	36	WHITE/VIOLET

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