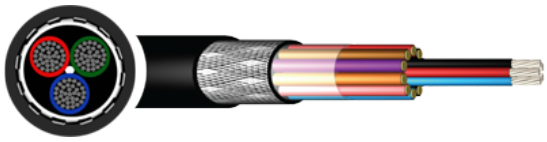
Defence Standard Control Cable - DEF 61-12 PVC - 0.22mm to 0.5mm



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.

10 core laid up in a pair configuration. 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: -20°C to +70°C

Standards

- Generally to Ministry of Defence Standard DEF 61-12 PVC
  Part 4 for 7/0.2 conductors
  Part 5 for 16/0.2 conductors
- VDE 0295

Construction

- **Conductor**: Class 5 tinned copper
- **Insulation**: Polyvinyl Chloride (PVC)
- **Binder Tape**: Non-hygroscopic binder tape
- **Armour**: Tinned copper wire braid (TCWB)
- **Outer Sheath**: Polyvinyl Chloride (PVC)
- **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

Defence Standard Control Cable - DEF 61-12 PVC - 0.22mm to 0.5mm - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Gland Size
722C	0.22	2	7/0.20	4.1	23	16
723C	0.22	3	7/0.20	4.3	27	16
724C	0.22	4	7/0.20	4.6	32	16
726C	0.22	6	7/0.20	5.9	55	16
728C	0.22	8	7/0.20	6	69	16
7212C	0.22	12	7/0.20	7.2	83	16
7218C	0.22	18	7/0.20	8.5	110	20
7225C	0.22	25	7/0.20	9.8	150	20
7236C	0.22	36	7/0.20	11.2	200	20
7250C	0.22	50	7/0.20	13	270	25
7260C	0.22	60	7/0.20	13.8	310	25
1622C	0.5	2	16/0.20	6.9	69	16
1623C	0.5	3	16/0.20	7.2	79	16
1624C	0.5	4	16/0.20	7.7	92	16
1626C	0.5	6	16/0.20	8.7	120	20
1628C	0.5	8	16/0.20	8.9	146	20
16210C	0.5	10	16/0.20	11.8	190	20
16212C	0.5	12	16/0.20	11	198	20
16218C	0.5	18	16/0.20	12.5	250	20
16225C	0.5	25	16/0.20	14.6	320	25
16236C	0.5	36	16/0.20	16.7	450	25
16250C	0.5	50	16/0.20	18.5	564	32
16260C	0.5	60	16/0.20	20.3	670	32

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