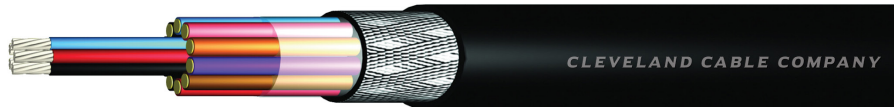
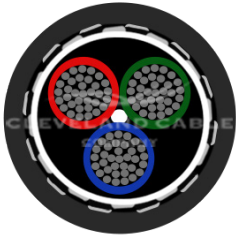


## PVC DEFENCE STANDARD 61-12 CONTROL CABLES



### APPLICATION

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.

### CABLE STANDARDS

To Ministry of Defence Standard DEF 61-12 (Part 4 for 7/0.2 conductors, Part 5 for 16/0.2 conductors)

Flame propagation to BS4066 PT1

IEC 332 PT1

### CONSTRUCTION

**Conductors:** Tinned Annealed Flexible Copper

**Insulation:** Polyvinyl Chloride (PVC)

**Binding:** Non-hygroscopic binder tape

**Screen:** Tinned annealed copper wire braid

**Sheath:** Polyvinyl Chloride (PVC)

**Colour:** ■ Black

### CHARACTERISTICS

**Voltage Rating:** 440 volts

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

**Minimum Bending Radius:** As per cable manufacturer datasheet

### CORE IDENTIFICATION

Core Colours as per tables

\*\*10 cores laid up in pairs.

Should not be installed at temperatures below 0°C

## PVC DEFENCE STANDARD 61-12 CONTROL CABLES- DIMENSIONS

CCC CODE	CONDUCTOR SIZE	STRANDING (MM)	NUMBER OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER (MM)	GLAND SIZE
722C	0.22	7/0.20	2	23	4.1	16
723C	0.22	7/0.20	3	27	4.3	16
724C	0.22	7/0.20	4	32	4.6	16
726C	0.22	7/0.20	6	55	5.9	16
728C	0.22	7/0.20	8	69	6	16
7212C	0.22	7/0.20	12	83	7.2	16
7218C	0.22	7/0.20	18	110	8.5	20
7225C	0.22	7/0.20	25	150	9.8	20
7236C	0.22	7/0.20	36	200	11.2	20
7250C	0.22	7/0.20	50	270	13	25
7260C	0.22	7/0.20	60	310	13.8	25
1622C	0.5	16/0.20	2	69	6.9	16
1623C	0.5	16/0.20	3	79	7.2	16
1624C	0.5	16/0.20	4	92	7.7	16
1626C	0.5	16/0.20	6	120	8.7	20
1628C	0.5	16/0.20	8	146	8.9	20
16210C	0.5	16/0.20	**10	190	11.8	20
16212C	0.5	16/0.20	12	198	11	20
16218C	0.5	16/0.20	18	250	12.5	20
16225C	0.5	16/0.20	25	320	14.6	25
16236C	0.5	16/0.20	36	450	16.7	25
16250C	0.5	16/0.20	50	564	18.5	32
16260C	0.5	16/0.20	60	670	20.3	32

## PVC DEFENCE STANDARD 61-12 CONTROL CABLES - CONSTRUCTION

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

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

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

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.