

Def Stan 61-12 TYPE C PVC

Application Area

Flexible cable originally used in military equipment and vehicles, but now widely used within industry for high density wiring between components and electronic equipment.

Cable Construction

Conductor	Tinned Annealed Stranded Copper Wires
Insulation	PVC Compound
Core Colours	Coloured acc. to Gen. To DEF-STAN 61-12 Part 5 see Technical Information Page
Core Stranding	Cores Stranded in Layer with Optimum Lay Length
Seperator Tape	Polyster Tape
Screen	Tinned Copper Wire Braid
Outer Sheath	PVC Compound
Sheath Colour	Black (RAL 9005) and other colours on request.

Technical Characteristics

Rated Voltage	440 V
Test Voltage	2000 V
Temperature Range	-20 to +70 °C
Reference Standard	Gen. to DEF-STAN 61-12 Part 5
Min Bending Radius	10 x D mm
Flame Retardancy	IEC/EN 60332-1-2

Cross Sectional Area mm ²	Max. Resistance of Conductor Ω/km
0,22	96
0,5	40,1
0,75	26,7

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Product Code	No. of cores x cross sectional area (n x mm ²)	Insulation Diameter (± 5% mm)	Nominal Diameter (± 5% mm)	Nominal Weight (≈ kg/km)
7-2-2C	2x0,22	1,2	4,0	22
7-2-3C	3x0,22	1,2	4,1	25
7-2-4C	4x0,22	1,2	4,4	30
7-2-6C	6x0,22	1,2	5,4	45
7-2-8C	8x0,22	1,2	5,7	57
7-2-12C	12x0,22	1,2	6,8	71
7-2-18C	18x0,22	1,2	8,0	100
7-2-25C	25x0,22	1,2	9,5	136
16-2-2C	2x0,50	1,85	6,1	50
16-2-3C	3x0,50	1,85	6,4	59
16-2-4C	4x0,50	1,85	6,8	69
16-2-6C	6x0,50	1,85	7,9	97
16-2-8C	8x0,50	1,85	8,5	125
16-2-12C	12x0,50	1,85	10,2	158
16-2-18C	18x0,50	1,85	12,0	226
16-2-25C	25x0,50	1,85	14,1	297
24-2-2C	2x0,75	2,05	6,6	59
24-2-4C	4x0,75	2,05	7,4	85
24-2-6C	6x0,75	2,05	8,6	121
24-2-8C	8x0,75	2,05	9,1	153
24-2-12C	12x0,75	2,05	11,0	194
24-2-18C	18x0,75	2,05	12,9	285