

Def Stan 61-12 TYPE A 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
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	8 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)
7-2-2A	2x0,22	1,2	3,5	14
7-2-3A	3x0,22	1,2	3,7	18
7-2-4A	4x0,22	1,2	4,0	22
7-2-6A	6x0,22	1,2	4,7	32
7-2-8A	8x0,22	1,2	5,3	46
7-2-12A	12x0,22	1,2	6,3	55
7-2-18A	18x0,22	1,2	7,5	81
7-2-25A	25x0,22	1,2	9,0	112
16-2-2A	2x0,50	1,85	5,6	37
16-2-3A	3x0,50	1,85	5,9	46
16-2-4A	4x0,50	1,85	6,4	55
16-2-6A	6x0,50	1,85	7,5	81
16-2-8A	8x0,50	1,85	8,0	107
16-2-12A	12x0,50	1,85	9,6	131
16-2-18A	18x0,50	1,85	11,4	195
16-2-25A	25x0,50	1,85	13,5	254
24-2-2A	2x0,75	2,05	6,2	46
24-2-4A	4x0,75	2,05	7,0	70
24-2-6A	6x0,75	2,05	8,2	102
24-2-8A	8x0,75	2,05	8,7	134
24-2-12A	12x0,75	2,05	10,6	170
24-2-18A	18x0,75	2,05	12,3	245