

# DEF 61-12 Type A PVC

Unscreened Multi-Core Cables



## Application

Defence use for general electronic applications.

## Specifications

- In accordance with DEF61-12 part 4 (7/0.1mm & 7/0.2mm) Type A 250V for 7/0.1mm 440V for 7/0.2mm.
- DEF61-12 part 5 (16/0.2mm) Type A 440V.
- Tinned annealed copper conductors.
- PVC insulated.
- Black PVC sheath.
- Maximum operating temperature: 70°C.

Anixter Number	N.S.N 6145-99-	Cable Reference	Number of Cores	Nominal Area of Cond	No & Diameter of Wires	Max O/D of Sheathed Cable	Nominal Weight Kg/km
A4-T01-1002	110-8582	7-1-2A	2	0.055	7/0.1	2.5	5.4
A4-T01-1003	110-8585	7-1-3A	3	0.055	7/0.1	2.6	6.5
A4-T01-1004	110-8588	7-1-4A	4	0.055	7/0.1	2.8	8
A4-T01-1006	110-8591	7-1-6A	6	0.055	7/0.1	3.3	12
A4-T01-1012	110-8594	7-1-12A	12	0.055	7/0.1	4.1	19
A4-T01-1018	110-8597	7-1-18A	18	0.055	7/0.1	4.7	27
A4-T01-1025	110-8600	7-1-25A	25	0.055	7/0.1	5.8	36
A4-T01-1036	110-8603	7-1-36A	36	0.055	7/0.1	6.4	48
A4-T01-1050	110-8606	7-1-50A	50	0.055	7/0.1	7.3	61
A4-T01-2002	110-8621	7-2-2A	2	0.22	7/0.2	3.6	13
A4-T01-2003	110-8624	7-2-3A	3	0.22	7/0.2	3.8	16
A4-T01-2004	110-8627	7-2-4A	4	0.22	7/0.2	4.1	20
A4-T01-2006	110-8630	7-2-6A	6	0.22	7/0.2	4.8	30
A4-T01-2012	110-8633	7-2-12A	12	0.22	7/0.2	6.4	53
A4-T01-2018	110-8636	7-2-18A	18	0.22	7/0.2	7.7	80
A4-T01-2025	110-8639	7-2-25A	25	0.22	7/0.2	9.0	100
A4-T01-2036	110-8642	7-2-36A	36	0.22	7/0.2	10.1	140
A4-T01-2050	110-8645	7-2-50A	50	0.22	7/0.2	12.0	200
A4-T01-3002	111-6715	16-2-2A	2	0.5	16/0.2	5.9	34
A4-T01-3003	111-6722	16-2-3A	3	0.5	16/0.2	6.2	42
A4-T01-3004	111-6726	16-2-4A	4	0.5	16/0.2	6.7	52
A4-T01-3006	111-6733	16-2-6A	6	0.5	16/0.2	7.7	75
A4-T01-3012	111-6743	16-2-12A	12	0.5	16/0.2	9.9	120
A4-T01-3018	111-6749	16-2-18A	18	0.5	16/0.2	11.5	180
A4-T01-3025	111-6756	16-2-25A	25	0.5	16/0.2	13.6	230

Colour code chart 8 at end of section.

## Colour Code Charts

Colour Code Chart 8

Cable Containing Up to 25 Cores		Cable Containing Over 25 Core Up to 36 Cores
Red	1	Red
Blue	2	Blue
Green	3	Green
Yellow	4	Yellow
White	5	White
Black	6	Black
Brown	7	Brown
Violet	8	Violet
Orange	9	Orange
Pink	10	Pink
Turquoise	11	Turquoise
Grey	12	Grey
Red/Blue	13	Red/Blue
Green/Red	14	Green/Red
Yellow/Red	15	Yellow/Red
White/Red	16	White/Red
Red/Black	17	Red/Black
Red/Brown	18	Red/Brown

Cable Containing Up to 25 Cores		Cable Containing Over 25 Core Up to 36 Cores
Yellow/Blue	19	Yellow/Blue
White/Blue	20	White/Blue
Blue/Black	21	Blue/Black
Orange/Blue	22	Orange/Blue
Yellow/Green	23	Green/Blue
White/Green	24	Grey/Blue
Orange/Green	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

For 50 core cables each layer white cores with one red and one blue core.

Colour Code Chart 9

Pair Number	Core A	Core B	Pair Number	Core A	Core B
1	BLACK	RED	11	RED	YELLOW
2	BLACK	WHITE	12	RED	BROWN
3	BLACK	GREEN	13	RED	ORANGE
4	BLACK	BLUE	14	GREEN	WHITE
5	BLACK	YELLOW	15	GREEN	BLUE
6	BLACK	BROWN	16	GREEN	YELLOW
7	BLACK	ORANGE	17	GREEN	BROWN
8	RED	WHITE	18	GREEN	ORANGE
9	RED	GREEN	19	WHITE	BLUE
10	RED	BLUE	20	WHITE	YELLOW