

Electronic Wire and Cable

DEF 61-12 Type C PVC

Overall Braided Screened Multi-Core Cables



Specifications

- In accordance with DEF61-12 part 4 (7/0.1mm & 7/0.2mm) Type C 250V for 7/0.1mm 440V for 7/0.2mm.
- DEF61-12 part 5 (16/0.2mm) Type C 440V.
- Tinned annealed copper conductors.
- Overall tinned copper wire braid.
- 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 mm ²	Number & Diameter of Wires #/mm	Maximum O/D of Sheathed Cable mm	Nominal Weight Kg/km
A4-V01-3002	110-8583	7-1-2C	2	0.055	7/0.1	3.0	13
A4-V01-3003	110-8586	7-1-3C	3	0.055	7/0.1	3.2	15
A4-V01-3004	110-8589	7-1-4C	4	0.055	7/0.1	3.4	17
A4-V01-3006	110-8592	7-1-6C	6	0.055	7/0.1	3.8	21
A4-V01-3012	110-8595	7-1-12C	12	0.055	7/0.1	4.6	31
A4-V01-3018	110-8598	7-1-18C	18	0.055	7/0.1	5.8	50
A4-V01-3025	110-8601	7-1-25C	25	0.055	7/0.1	6.6	62
A4-V01-3036	110-8604	7-1-36C	36	0.055	7/0.1	7.2	79
A4-V01-3050	110-8607	7-1-50C	50	0.055	7/0.1	8.3	100
A4-V01-1002	110-8622	7-2-2C	2	0.22	7/0.2	4.1	23
A4-V01-1003	110-8625	7-2-3C	3	0.22	7/0.2	4.3	27
A4-V01-1004	110-8628	7-2-4C	4	0.22	7/0.2	4.6	32
A4-V01-1006	110-8631	7-2-6C	6	0.22	7/0.2	5.9	55
A4-V01-1012	110-8634	7-2-12C	12	0.22	7/0.2	7.2	83
A4-V01-1018	110-8637	7-2-18C	18	0.22	7/0.2	8.5	110
A4-V01-1025	110-8640	7-2-25C	25	0.22	7/0.2	9.8	150
A4-V01-1036	110-8643	7-2-36C	36	0.22	7/0.2	11.2	200
A4-V01-1050	110-8646	7-2-50C	50	0.22	7/0.2	13.0	270
A4-V01-2002	111-6717	16-2-2C	2	0.5	16/0.2	6.9	66
A4-V01-2003	111-6724	16-2-3C	3	0.5	16/0.2	7.2	76
A4-V01-2004	111-6728	16-2-4C	4	0.5	16/0.2	7.7	89
A4-V01-2006	111-6735	16-2-6C	6	0.5	16/0.2	8.7	120
A4-V01-2010	111-6742	16-2-10C	10*	0.5	16/0.2	11.8	160
A4-V01-2012	111-6745	16-2-12C	12	0.5	16/0.2	11.0	180
A4-V01-2018	111-6751	16-2-18C	18	0.5	16/0.2	12.5	250
A4-V01-2025	111-6758	16-2-25C	25	0.5	16/0.2	14.6	320
A4-V01-2036	111-6760	16-2-36C	36	0.5	16/0.2	16.7	430
A4-V01-2060	111-6761	16-2-60C	60	0.5	16/0.2	20.3	660

Colour code chart 8 at end of section.

*N.B. 10 core laid up as 5 pair construction

Colour Code: Pair 1 White/Blue

Pair 2 White/Orange

Pair 3 White/Green

Pair 4 White/Brown

Pair 5 White/Grey

Colour Code Chart 8

Cable Containing Up to 25 Cores		Cable Containing Over 25 Cores 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 Cores 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