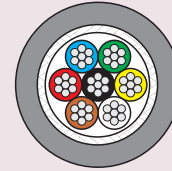


Def Stan Data Cable 61/12 Part 4



Technical data

- **Voltage rating:**
Cores with 7/0.1 mm conductors: 250 V
- **Temperature rating:** 70 °C
- **Maximum resistance of conductor at 20 °C**
7/0.1 mm: 384 Ohm/km
- **Minimum bending radius**
7.5 x cable diameter

Cable structure

- **Conductor:** Class 5 flexible tinned copper 0.05 mm² (7/0.1 mm)
- **Insulation:** PVC
- **Optional screen:** tinned copper wire braid
- **Sheath:** PVC
- **Sheath color:** black

Application

The Def-Stan multi-core cable is suitable for the general wiring of the instruments and control equipment in the application areas of aircraft, computers and military equipment, etc.

Circular Conductor, PVC Insulated, PVC Sheathed, Def Stan 61/12 Part 4

Cable Identification Code	NO. Cores	Thickness Sheath mm	Outer Diameter mm	Cable Weight kg/km
7-1-2A	2	0.40	2.25	5.4
7-1-3A	3	0.40	2.35	6.5
7-1-4A	4	0.40	2.55	8.0
7-1-6A	6	0.45	3.05	12.0
7-1-12A	12	0.45	3.85	19.0
7-1-18A	18	0.45	4.45	—
7-1-25A	25	0.55	5.50	—
7-1-36A	36	0.55	6.10	—
7-1-50A	50	0.55	7.00	—

Cable Identification Code	NO. Cores	Thickness Sheath mm	Outer Diameter mm	Cable Weight kg/km
7-1-2A	2	0.45	3.35	13
7-1-3A	3	0.45	3.55	16
7-1-4A	4	0.45	3.85	20
7-1-6A	6	0.45	4.55	30
7-1-12A	12	0.55	6.10	53
7-1-18A	18	0.65	7.40	80
7-1-25A	25	0.65	8.70	100
7-1-36A	36	0.65	9.80	140
7-1-50A	50	0.75	11.60	200

Circular Conductor, PVC Insulated, Collectively Screened Cores, PVC Sheathed, Def Stan 61/12 Part 4

Cable Identification Code	NO. Cores	Thickness Sheath mm	Outer Diameter mm	Cable Weight kg/km
7-1-2C	2	0.40	2.75	13
7-1-3C	3	0.45	2.95	15
7-1-4C	4	0.45	3.15	17
7-1-6C	6	0.45	3.55	21
7-1-12C	12	0.45	4.35	31
7-1-18C	18	0.55	5.50	50
7-1-25C	25	0.55	6.30	62
7-1-36C	36	0.55	6.90	79
7-1-50C	50	0.65	8.00	100

Cable Identification Code	NO. Cores	Thickness Sheath mm	Outer Diameter mm	Cable Weight kg/km
7-1-2C	2	0.45	3.85	23
7-1-3C	3	0.45	3.95	27
7-1-4C	4	0.45	4.35	32
7-1-6C	6	0.55	5.60	55
7-1-8C	8	0.55	5.60	60
7-1-12C	12	0.55	6.90	83
7-1-18C	18	0.65	8.20	110
7-1-25C	25	0.65	9.50	150
7-1-36C	36	0.75	10.80	200
7-1-50C	50	0.75	12.60	270

Def Stan Data Cable 61/12 Part 4



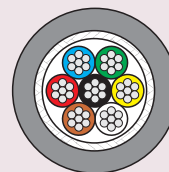
Circular Conductor, PVC Insulated, Individually Screened Cores, PVC Sheathed, Def Stan 61/12 Part 4

Cable Identification Code	NO. Cores	Thickness Sheath mm	Outer Diameter mm	Cable Weight kg/km	Cable Identification Code	NO. Cores	Thickness Sheath mm	Outer Diameter mm	Cable Weight kg/km
7-1-2D	2	0.45	3.05	11	7-1-2D	2	0.45	4.25	22
7-1-3D	3	0.45	3.25	14	7-1-3D	3	0.45	4.55	29
7-1-4D	4	0.45	3.55	17	7-1-4D	4	0.55	5.10	40
7-1-6D	6	0.45	4.15	24	7-1-6D	6	0.55	6.10	58
7-1-12D	12	0.55	5.60	43	7-1-12D	12	0.65	8.20	110
7-1-18D	18	0.55	6.60	61	7-1-18D	18	0.65	9.60	150
7-1-25D	25	0.65	7.90	83	7-1-25D	25	0.75	11.65	210
7-1-36D	36	0.65	8.80	105	7-1-36D	36	0.75	13.10	290
7-1-50D	50	0.65	10.20	150	7-1-50D	50	0.90	15.60	410

Core Identification

NO. Cores	Core Identification	NO. Cores	Core Identification	NO. Cores	Core Identification
1	Red	13	Red/blue	25	Yellow/green
2	Blue	14	Green/red	26	White/green
3	Green	15	Yellow/red	27	Green/black
4	Yellow	16	White/red	28	Orange/green
5	White	17	Red/black	29	Grey/green
6	Black	18	Red/brown	30	Yellow/brown
7	Brown	19	Yellow/blue	21	White/brown
8	Violet	20	White/blue	32	Brown/black
9	Orange	21	Blue/black	33	Grey/brown
10	Pink	22	Orange/blue	34	Yellow/violet
11	Turquoise	23	Green/blue	35	Violet/black
12	Grey	24	Grey/blue	36	White/violet

Def Stan Data Cable 61/12 Part 5



Technical data

- **Voltage rating:** 440 V
- **Temperature rating:** 70 °C
- **Minimum bending radius**
7.5 x cable diameter
- **Current carrying capacity**
2.5 Amps

Cable structure

- **Conductor:** Class 5 flexible tinned copper 0.50 mm² (16/0.2 mm)
- **Insulation:** PVC
- **Optional screen:** tinned copper wire braid
- **Sheath:** PVC
- **Sheath color:** grey

Application

The Def-Stan multi-core cable is suitable for the general wiring of the instruments and control equipment in the application areas of aircraft, computers and military equipment, etc.

Circular Conductor, PVC Insulated, PVC Sheathed, Def Stan 61/12 Part 4

Cable Identification Code	NO. Cores	Thickness Sheath mm	Outer Diameter mm	Cable Weight kg/km
16-2-2A	2	0.9	4.5	34
16-2-3A	3	0.9	5.8	42
16-2-4A	4	0.9	6.3	52
16-2-6A	6	0.9	7.3	75
16-2-12A	12	0.9	9.5	120
16-2-18A	18	0.9	11.0	180
16-2-25A	25	0.9	13.1	230

Circular conductor, PVC insulated, collectively screened cores, PVC sheathed, Def Stan 61/12 Part 5

Cable Identification Code	NO. Cores	Thickness Sheath mm	Outer Diameter mm	Cable Weight kg/km
16-2-2C	2	0.9	6.5	69
16-2-3C	3	0.9	6.8	79
16-2-4C	4	0.9	7.3	92
16-2-6C	6	0.9	8.3	120
16-2-18C	18	0.9	12.0	250
16-2-25C	25	0.9	14.0	320

Def Stan Data Cable 61/12 Part 5



Circular conductor, individually screened cores, PVC sheathed Def Stan 61/12 Part 5

Cable Identification Code	NO. Cores	Thickness Sheath mm	Outer Diameter mm	Cable Weight kg/km
16-2-2D	2	0.9	6.0	47
16-2-3D	3	0.9	6.8	60
16-2-4D	4	0.9	7.4	75
16-2-6D	6	0.9	8.7	110
16-2-7D	7	0.9	8.9	120
16-2-12D	12	0.9	11.3	190
16-2-18D	18	0.9	13.3	270
16-2-25D	25	0.9	14.9	360

Core Identification

NO. Cores	Core Identification	NO. Cores	Core Identification	NO. Cores	Core Identification
1	Red	13	Red/blue	25	Yellow/green
2	Blue	14	Green/red	26	White/green
3	Green	15	Yellow/red	27	Green/black
4	Yellow	16	White/red	28	Orange/green
5	White	17	Red/black	29	Grey/green
6	Black	18	Red/brown	30	Yellow/brown
7	Brown	19	Yellow/blue	21	White/brown
8	Violet	20	White/blue	32	Brown/black
9	Orange	21	Blue/black	33	Grey/brown
10	Pink	22	Orange/blue	34	Yellow/violet
11	Turquoise	23	Green/blue	35	Violet/black
12	Grey	24	Grey/blue	36	White/violet