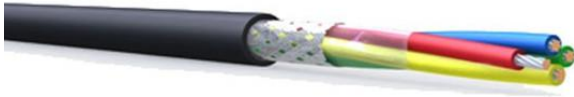


Defense Standard 61-12 Part 4 Cable

Defstan 61-12 Part 4 – Multi-core tinned annealed copper conductor



Application Range

These Multi-core flexible cables are designed for high density Wiring between components within instruments and electronic Equipment. They are extensively used in aircraft, process control systems, computers, data processors, military vehicles and military equipment.

Technical Data

Cable Standard
Def Stan 61-12 Part 4

Insulation
Polyvinyl Chloride (PVC)

Outersheath
Polyvinyl Chloride (PVC)

Voltage:
Cores with 7/0.1mm - 240V r.m.s to 1.6kHz
Cores with 7/0.2mm - 440V r.m.s to 1.6kHz

Bending Radius
7.5 X OD

Temperature Range
Fixed: -30° C to + 70° C
Flexing: -15° C to +70° C

Part#	NO.OF CORES	NOMINAL THICKNESS OF SHEATH mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
7-2-2A	2	0.45	3.35	13
7-2-3A	3	0.45	3.55	16
7-2-4A	4	0.45	3.55	20
7-2-6A	6	0.45	3.85	30
7-2-12A	12	0.55	4.55	53
7-2-18A	18	0.65	6.1	80
7-2-25A	25	0.65	7.4	100
7-2-36A	36	0.65	8.7	140
7-2-50A	50	0.75	9.8	200
7-2-2C	2	0.45	3.85	23
7-2-3C	3	0.45	3.95	27
7-2-4C	4	0.45	4.35	32
7-2-6C	6	0.55	5.6	55
7-2-8C	8	0.55	5.6	60
7-2-12C	12	0.55	6.9	83
7-2-18C	18	0.65	8.2	110
7-2-25C	25	0.65	9.5	150
7-2-36C	36	0.75	10.8	200
7-2-50C	50	0.75	12.6	270

Part#	NO.OF CORES	NOMINAL THICKNESS OF SHEATH mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
7-2-2D	2	0.45	4.25	22
7-2-3D	3	0.45	4.55	29
7-2-4D	4	0.55	5.1	40
7-2-6D	6	0.55	6.1	58
7-2-12D	12	0.65	8.2	110
7-2-18D	18	0.65	9.6	150
7-2-25D	25	0.75	11.65	210
7-2-36D	36	0.75	13.1	290
7-2-50D	50	0.9	15.6	410

Core Identification

NO.OF CORES	CORE ID	NO.OF CORES	CORE ID	NO.OF CORES	CORE ID
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	31	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