

Multi-core Data Cables(Defence Standard 61-12 Part 4)



Cable Description

- Conductor : stranded tinned copper
- Insulation : PVC/LSZH

Part No.	Thickness (mm)	diameter(mm)
7-1-**-	0.20	0.70
7-2-**-	0.30	1.20

- Braid: Tinned copper wire braid(**Optional**)
- ID Thread
- Sheath : PVC/LSZH
- Sheath color :Black

Electrical Characteristics

- Rated Voltage(V) :
Core with 7/0.1mm conductors: 250V
Core with 7/0.2mm conductors: 440V

- Operating Temperature Rated : -20℃ ~ +70℃
- Flame retardant :EN60332-1-2
- Maximum conductor resistance(Ω/km)

Part No.	Conductor (mm)	Maximum conductor resistance(Ω/km)
7-1-**-	7/0.1	384
7-2-**-	7/0.2	92

Un-screened cable

Part No.	No.of cores	Thickness sheath(mm)	Outer diameter(mm)
7-1-2A	2	0.40	2.25
7-1-3A	3	0.40	2.35
7-1-4A	4	0.40	2.55
7-1-6A	6	0.45	3.05
7-1-8A	8	0.45	3.30
7-1-10A	10	0.45	3.70
7-1-12A	12	0.45	3.85
7-1-18A	18	0.45	4.50
7-1-20A	20	0.55	4.90
7-1-25A	25	0.55	5.50
7-1-36A	36	0.55	6.10

Part No.	No.of cores	Thickness sheath(mm)	Outer diameter(mm)
7-2-2A	2	0.45	3.35
7-2-3A	3	0.45	3.55
7-2-4A	4	0.45	3.85
7-2-6A	6	0.45	4.55
7-2-8A	8	0.50	5.10
7-2-10A	10	0.55	6.00
7-2-12A	12	0.55	6.10
7-2-18A	18	0.65	7.40
7-2-20A	20	0.65	7.70
7-2-25A	25	0.65	8.70
7-2-36A	36	0.65	9.80

Collectively screened cable

Part No.	No.of cores	Thickness sheath(mm)	Outer diameter(mm)
7-1-2C	2	0.4	2.75
7-1-3C	3	0.45	2.95
7-1-4C	4	0.45	3.15
7-1-6C	6	0.45	3.55
7-1-8C	8	0.45	3.70
7-1-10C	10	0.45	4.20
7-1-12C	12	0.45	4.35
7-1-18C	18	0.55	5.50
7-1-20C	20	0.55	5.80
7-1-25C	25	0.55	6.30
7-1-36C	36	0.55	6.90

Part No.	No.of cores	Thickness sheath(mm)	Outer diameter(mm)
7-2-2C	2	0.45	3.85
7-2-3C	3	0.45	3.95
7-2-4C	4	0.45	4.35
7-2-6C	6	0.55	5.60
7-2-8C	8	0.55	5.80
7-2-10C	10	0.55	6.60
7-2-12C	12	0.55	6.90
7-2-18C	18	0.65	8.20
7-2-20C	20	0.65	8.50
7-2-25C	25	0.65	9.50
7-2-36C	36	0.75	10.80