



SCREEN CABLE

SPECIFICATION

Acc. to IEC 60227



APPLICATION

Flexible cable for transmission of analogue and digital signals. The cable is designed for fixed installation and for conditional flexible use. It is used in dry and damp interiors but not appropriate for outside usage. The screen provides protection against electromagnetic interferences. For example, the cable is used in computer systems, instrumentation technology, office equipment and balances.

Construction

- 1- Conductor : Annealed bunched copper wire
- 2- Insulation : PVC (Polyvinyl Chloride)
- 3- Shield Tape : Mylar Tape
- 4- Shield Braid : Tinned copper wire
- 5- Outer Sheath : PVC (Polyvinyl Chloride)

General Characteristics

- Test Voltage : 1.2 kV / 5 Min
(0.5 - 1.5 mm²)
: 2 kV / 5 Min (2.5 mm²)
- Max. Operating Temperature : 70°C
- Flame Retardant : IEC 60332-1
- Min. Tensile Strength : 10.25 N/mm²

No. of Cores	Dimension and Weight						Electrical Properties			
	Cross Section Area	Conductor Diameter	Thickness		Braided Shield	Overall Diameter	Cable Weight (100m)	DC Resistance at 20°C		Current Carrying Capacity at 30°C
			Insulation	Sheath				Conductor	Insulation	
mm ²	N x mm	mm		N x mm/Pin	mm	Kg	Max. Ω/km	Min. M.Ω.km	A	
2	0.5	16 x 0.20	0.40	0.80	5 x 0.12/24	5.45	5.30	39.6	60	6
	0.75	24 x 0.20	0.50	0.80	5 x 0.12/24	6.25	6.70	26.0	58	12
	1	32 x 0.20	0.50	0.80	6 x 0.12/24	6.60	7.85	19.5	53	15
	1.5	30 x 0.25	0.60	0.80	7 x 0.12/24	7.60	10.35	13.0	50	18
	2.5	50 x 0.25	0.70	0.90	8 x 0.12/24	9.05	14.80	7.9	50	25
3	0.5	16 x 0.20	0.40	0.80	5 x 0.12/24	5.75	6.00	39.6	60	6
	0.75	24 x 0.20	0.50	0.80	6 x 0.12/24	6.60	7.95	26.0	58	12
	1	32 x 0.20	0.50	0.80	6 x 0.12/24	6.95	9.05	19.5	53	15
	1.5	30 x 0.25	0.60	0.80	7 x 0.12/24	8.00	12.00	13.0	50	18
	2.5	50 x 0.25	0.70	0.90	8 x 0.12/24	9.60	17.40	7.9	50	25
4	0.5	16 x 0.20	0.40	1.00	5 x 0.12/24	6.60	7.40	39.6	60	6
	0.75	24 x 0.20	0.50	1.00	7 x 0.12/24	7.55	10.15	26.0	58	12
	1	32 x 0.20	0.50	1.00	7 x 0.12/24	7.95	11.55	19.5	53	15
	1.5	30 x 0.25	0.60	1.00	8 x 0.12/24	9.15	15.40	13.0	50	18
	2.5	50 x 0.25	0.70	1.10	9 x 0.12/24	10.90	22.35	7.9	50	25

No. of Cores	Dimension and Weight						Electrical Properties			
	Cross Section Area	Conductor Diameter	Thickness		Braided Shield	Overall Diameter	Cable Weight (100m)	DC Resistance at 20°C		Current Carrying Capacity at 30°C
			Insulation	Sheath				Conductor	Insulation	
mm ²	N x mm	mm		N x mm/Pin	mm	Kg	Max. Ω/km	Min. M.Ω.km	A	
5	0.5	16 x 0.20	0.40	1.00	6 x 0.12/24	7.10	8.75	39.6	60	6
	0.75	24 x 0.20	0.50	1.00	7 x 0.12/24	8.15	11.75	26.00	58	12
	1	32 x 0.20	0.50	1.00	8 x 0.12/24	8.60	13.75	19.50	53	15
	1.5	30 x 0.25	0.60	1.00	9 x 0.12/24	9.95	18.20	13.00	50	18
	2.5	50 x 0.25	0.70	1.10	9 x 0.12/24	11.85	26.65	7.90	50	25
6	0.5	16 x 0.20	0.40	1.00	7 x 0.12/24	7.60	10.30	39.6	60	6
	0.75	24 x 0.20	0.50	1.00	8 x 0.12/24	8.80	13.85	26.00	58	12
	1	32 x 0.20	0.50	1.00	8 x 0.12/24	9.30	16.00	19.50	53	15
	1.5	30 x 0.25	0.60	1.00	9 x 0.12/24	10.80	21.60	13.00	50	18
	2.5	50 x 0.25	0.70	1.10	10 x 0.12/24	12.90	31.80	7.90	50	25
7	0.5	16 x 0.20	0.40	1.00	7 x 0.12/24	7.60	10.65	39.6	60	6
	0.75	24 x 0.20	0.50	1.00	8 x 0.12/24	8.80	14.40	26.00	58	12
	1	32 x 0.20	0.50	1.00	8 x 0.12/24	9.30	16.70	19.50	53	15
	1.5	30 x 0.25	0.60	1.00	9 x 0.12/24	10.80	22.70	13.00	50	18
	2.5	50 x 0.25	0.70	1.10	10 x 0.12/24	12.90	33.60	7.90	50	25

Available Colors

