

Fire Alarm & Speaker Cables

Fire Alarm Cable



Application: These cables are designed for fire alarms, fire protective circuits and smoke detectors.

Conductor Material: Solid bare copper

Insulation Material: Foam PP/PVC

Laying-up: Units

Drain Wire: Solid bare copper

Screen: Overall Al/Polyester foil shield

Nylon Rip Cord: 150 × overall diameter

Sheath Material: PVC/LSHF (CMR/CMP jacket can be offered as option)

Shape: Circular

Voltage Rating: 300/500 V

Temperature Rating: 75°C

No. of Conductors	AWG Size	Stranding	Nominal Thickness of Insulation (mm)	Nominal Thickness of Jacket (mm)	Nominal Overall Diameter (mm)
4	24	Solid	0.21	0.7	3.9
6	24	Solid	0.21	0.7	4.2
8	24	Solid	0.21	0.84	5.0
12	24	Solid	0.21	1.00	6.0
4	22	Solid	0.30	0.88	5.1
2	18	Solid	0.38	0.76	5.3
4	18	Solid	0.38	0.76	6.09
6	18	Solid	0.38	0.76	6.9
2	16	Solid	0.38	0.76	5.9
4	16	Solid	0.38	0.76	6.7
2	14	Solid	0.38	0.76	6.65
4	14	Solid	0.38	0.76	8.68

Speaker Cable



Application: These cables are designed for power limited circuit, remote control, signaling, security systems, communications and intercom/P.A. systems.

Conductor Material: Bare oxygen free copper wire strands

Insulation Material: PE/PVC

Laying-up: Units

Drain Wire: Solid bare copper

Screen: Overall Al/Polyester foil shield

Nylon Rip Cord: 150 × overall diameter

Sheath Material: PVC/LSHF (CL2R/CMR/MPR jacket can be offered as option)

Shape: Circular

Voltage Rating: 300/500 V

Temperature Rating: 75°C

No. of Conductors	AWG Size	Cross Section of Conductors (mm ²)	Stranding (No. / mm)	Nominal Thickness of Insulation (mm)	Nominal Thickness of Jacket (mm)	Nominal Overall Diameter (mm)
2	16	1.29	26/0.25	0.21	0.7	4.7
2	16	1.29	65/0.16	0.21	0.7	4.9
4	16	1.29	26/0.25	0.21	0.7	5.8
4	16	1.29	65/0.16	0.21	0.7	5.9
2	14	2.08	41/0.25	0.30	0.76	5.7
2	14	2.08	105/0.16	0.30	0.76	5.8
4	14	2.08	41/0.25	0.30	0.76	6.9
4	14	2.08	105/0.16	0.30	0.76	6.9
2	12	3.20	65/0.25	0.30	0.76	6.8

Security & Microphone Cables

Security Cable



Application: These cables are designed for power limited circuit, remote control, signaling, security systems, communications, intercom/P.A. systems and nurse call.

Conductor Material: Bare copper wire strands

Insulation Material: PP/PE/PVC

Laying-up: Units

Drain Wire: Solid bare copper

Screen: Overall Al/Polyester foil shield

Nylon Rip Cord: 150 × overall diameter

Sheath Material: PVC / LSHF

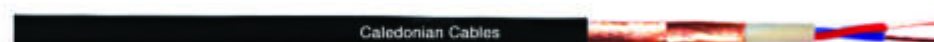
Shape: Circular

Voltage Rating: 300/500 V

Temperature Rating: 75°C

No. of Conductors	AWG Size	Cross Section of Conductors (mm ²)	Stranding (No. / mm)	Nominal Thickness of Insulation (mm)	Nominal Thickness of Jacket (mm)	Nominal Overall Diameter (mm)
2	22	0.34	7/0.25	0.21	0.7	3.5
4	22	0.34	7/0.25	0.21	0.7	4.2
6	22	0.34	7/0.25	0.21	0.7	4.8
8	22	0.34	7/0.25	0.21	0.7	5.5
10	22	0.34	7/0.25	0.30	0.76	6.2
12	22	0.34	7/0.25	0.30	0.76	7.0
2	18	0.82	16/0.25	0.30	0.76	4.7
4	18	0.82	16/0.25	0.30	0.76	5.6
6	18	0.82	16/0.25	0.30	0.76	6.3
8	18	0.82	16/0.25	0.38	0.76	7.1
2	16	1.31	42/0.2	0.38	0.8	6.0
3	16	1.31	42/0.2	0.38	0.8	6.5
4	16	1.31	42/0.2	0.38	0.8	6.9
2	14	2.08	19/0.36	0.38	0.8	6.3
3	14	2.08	19/0.36	0.38	0.8	6.7
4	14	2.08	19/0.36	0.38	0.8	7.2
2	12	3.31	19/0.45	0.38	0.8	7.1

Microphone Cable



Application: These cables are designed for signalling, security and intercom/P.A. systems.

Conductor Material: Tinned annealed high conductivity copper wire strands.

Insulation Material: PVC/PE

Laying-up: Units

Screen: Braided or lapped copper wire

Sheath Material: PVC/LSHF

Shape: Circular

Voltage Rating: 300/500 V

Temperature Rating: 75°C

No. of Conductors	AWG Size	Cross Section of Conductors (mm ²)	Stranding (No. / mm)	Nominal Thickness of Insulation (mm)	Type of Screen	Nominal Thickness of Jacket (mm)	Nominal Overall Diameter (mm)
1	26	0.15	19/0.10	0.5	Lapped	0.43	2.4
1	24	0.22	7/0.20	0.5	Lapped	0.7	3.1
1	22	0.41	13/0.20	0.45	Braided	0.76	3.3
1	20	0.50	16/0.20	0.45	Braided	0.95	3.75
2	26	0.15	19/0.10	0.5	Lapped	0.76	4.5
2	24	0.22	7/0.20	0.5	Lapped	1.1	5.4
2	22	0.41	13/0.20	0.45	Braided	1.2	5.8
2	20	0.50	16/0.20	0.45	Braided	1.4	6.3
4	24	0.22	7/0.20	0.30	Lapped	1.2	6.8
4	20	0.50	16/0.20	0.38	Lapped	1.4	7.8