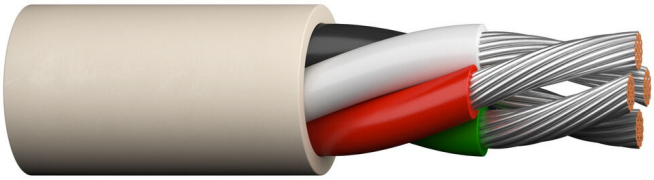
FIRE ALARM MULTI CONDUCTOR UNSHIELDED PLENUM

Copper conductors with premium grade PVC used for Fire alarm systems.



PRODUCT CONSTRUCTION:

Conductor: Stranded or solid bare copper per ASTM B3, B8 and B286

Insulation: Premium-grade, color-coded Flexguard® PVC

Jacket: Premium-grade Flexguard® PVC, natural · Sequential footage markings to facilitate installation

· Temperature range: -20°C to +75°C

Applications: Power-limited control circuits · Wiring of the following systems: Intercom-Security-Audio-Background music · Suggested voltage rating: 300 volts

Compliances: NEC Article 725 Type CL3P (UL: 75°C, 150 V) · NEC Article 800 Type CMP (UL: 75°C, 300 V) · NEC Article 760 Type FPLP (UL: 75°C, 300 V) · Suitable for use in the State of California

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APPLICATION PROPERTIES

Flame retardant	No	Resistant to UV	No
Halogen free	No	Outdoor installation	No
Low smoke	No	Underground installation	No
Oil resistant	No		

STANDARDS AND APPROVALS

ELECTRICAL PROPERTIES

Catalog Number	No. Of. Cond	AWG / Kcmil	Conductor category	Conductor strand count	Insulation thickness [in]	Insulation thickness [mm]	Jacket thickness [in]	Jacket thickness [mm]	Nominal overall o.d.	Nominal outer diameter [mm]
E3034S	4	18	Class 2 = stranded	7/26	0.008	0.2	0.015	0.38	0.81	0.81
E3532S	2	12	Class 1 = solid	Soild	0.012	0.3	0.015	0.38	0.244	6.2
E3532S	2	12	Class 1 = solid	Solid	0.012	0.3	0.015	0.38	0.244	6.2
E3062S	2	12	Class 2 = stranded	19/.0185	0.011	0.28	0.015	0.38	0.252	6.4
E3064S	4	12	Class 2 = stranded	19/.0186	0.011	0.28	0.015	0.38	0.298	7.57
E3522S	2	14	Class 1 = solid	Solid	0.012	0.3	0.015	0.38	0.205	5.21
E3052S	2	14	Class 2 = stranded	19/.0147	0.011	0.28	0.015	0.38	0.216	5.49
E3054S	4	14	Class 2 = stranded	19/.0148	0.011	0.28	0.015	0.38	0.255	6.48
E3524S	4	14	Class 1 = solid	Solid	0.012	0.3	0.015	0.38	0.243	6.17
E3512S	2	16	Class 1 = solid	Solid	0.01	0.25	0.015	0.38	0.172	4.37
E3042S	2	16	Class 2 = stranded	19/.0117	0.008	0.2	0.015	0.38	0.174	4.42
E3044S	2	16	Class 2 = stranded	19/.0117	0.009	0.23	0.008	0.2	0.205	5.21
E3043S	2	16	Class 2 = stranded	19/.0117	0.008	0.2	0.015	0.38	0.174	4.42
E3514S	4	16	Class 1 = solid	Solid	0.01	0.25	0.015	0.38	0.202	5.13
E3044S	4	16	Class 2 = stranded	19/.0117	0.009	0.23	0.008	0.2	0.205	5.21
E3032S	2	18	Class 2 = stranded	7/26	0.008	0.2	0.015	0.38	0.156	3.96
E3502S	2	18	Class 1 = solid	Solid	0.01	0.25	0.015	0.38	0.115	3.81
E3030S	2	18	Class 1 = solid	Solid	0.008	0.2	0.015	0.38	0.142	3.61
E3033S	3	18	Class 2 = stranded	7/26	0.008	0.2	0.015	0.38	0.166	4.22
E3034S	4	18	Class 2 = stranded	7/26	0.008	0.2	0.015	0.38	0.187	4.75
E3504S	4	18	Class 1 = solid	Solid	0.01	0.25	0.015	0.38	0.175	4.45

ELECTRICAL PROPERTIES

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E3036S	6	18	Class 2 = stranded	7/26	0.008	0.2	0.015	0.38	0.216	5.49
E3506S	6	18	Class 1 = solid	Solid	0.01	0.25	0.015	0.38	0.211	5.36
E3038S	8	18	Class 2 = stranded	7/26	0.008	0.2	0.015	0.38	0.235	5.97
E3022S	2	20	Class 2 = stranded	7/28	0.009	0.23	0.015	0.2	0.134	3.4
E3023S	3	20	Class 2 = stranded	7/28	0.009	0.23	0.015	0.2	0.142	3.61
E3024S	4	20	Class 2 = stranded	7/28	0.009	0.23	0.015	0.2	0.156	3.96
E3002S	2	22	Class 2 = stranded	7/30	0.008	0.2	0.015	0.38	0.12	3.05
E3003S	3	22	Class 2 = stranded	7/30	0.008	0.2	0.015	0.38	0.127	3.23
E3484S	4	22	Class 1 = solid	Solid	0.01	0.25	0.015	0.38	0.137	3.47
E3004S	4	22	Class 2 = stranded	7/30	0.008	0.2	0.015	0.38	0.139	3.53
E3001S	4	22	Class 1 = solid	Solid	0.007	0.18	0.015	0.38	0.124	3.15
E3006S	6	22	Class 2 = stranded	7/30	0.008	0.2	0.015	0.38	0.164	4.17
E3008S	8	22	Class 2 = stranded	7/30	0.008	0.2	0.015	0.38	0.178	4.52