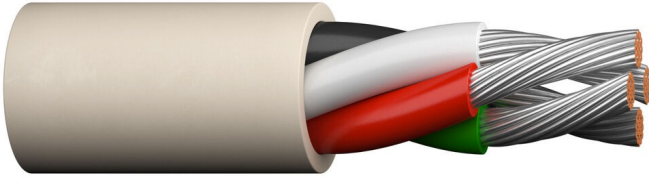


# FIRE ALARM MULTI CONDUCTOR UNSHIELDED PLENUM

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

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 Packaging: Please contact Customer Service for packaging and color options

## 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



We reserve the right to do changes as a result of running product development and/or changes in standards

## 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	Solid	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

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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

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