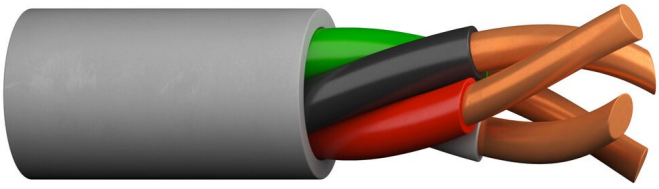
CAROL® Multi-Conductor Shielded Riser Fire Alarm Cable

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 PVC · Color code: See chart below

Shield: Overall Flexfoil® polyester supported aluminum foil · Stranded tinned copper drain wire

Jacket: Premium-grade PVC, gray Sequential footage markings to facilitate installation · Temperature range: -20°C to +105°C · Includes ripcord

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 CL3R (UL: 105°C, 300 V) · NEC Article 800 Type CMR (UL: 105°C, 300 V) · NEC Article 760 Type FPLR (UL: 105°C, 300 V) · RoHS Compliant Directive 2015/863/EU (RoHS-3) · Suitable for use in the State of California

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

RoHS Compliant
Directive EU 2015 / 863

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

https://www.us-catalogue.prysmian.com

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]
E2062S	2	12	Class 2 = stranded	19/.0185	0.013	0.33	0.015	0.38	0.281	7.14
E2052S	2	14	Class 2 = stranded	19/.0147	0.013	0.33	0.015	0.38	0.245	6.22
E2054S	4	14	Class 2 = stranded	19/.0147	0.013	0.33	0.015	0.38	0.269	6.83
E2042S	2	16	Class 2 = stranded	19/.0117	0.009	0.23	0.015	0.38	0.189	4.8
E2043S	3	16	Class 2 = stranded	19/.0117	0.009	0.23	0.015	0.38	0.198	5.03
E2044S	4	16	Class 2 = stranded	19/.0117	0.009	0.23	0.015	0.38	0.219	5.56
C4346A	4	16	Class 1 = solid	Solid	0.015	0.38	0.042	1.07	0.285	7.24
C4334A	2	18	Class 1 = solid	Solid	0.015	0.38	0.042	1.07	0.23	5.84
E2032S	2	18	Class 2 = stranded	7/26	0.008	0.2	0.015	0.38	0.159	4.04
E2033S	3	18	Class 2 = stranded	7/26	0.008	0.2	0.015	0.38	0.168	4.27
C4336A	4	18	Class 1 = solid	Solid	0.015	0.38	0.042	1.07	0.26	6.6
E2034S	4	18	Class 2 = stranded	7/26	0.008	0.2	0.015	0.38	0.184	4.67
E2036S	6	18	Class 2 = stranded	7/26	0.008	0.2	0.015	0.38	0.221	5.61
E2038S	8	18	Class 2 = stranded	7/26	0.008	0.2	0.015	0.38	0.24	6.1
E2040S	10	18	Class 2 = stranded	7/26	0.008	0.2	0.015	0.38	0.287	7.29
E2041S	12	18	Class 2 = stranded	7/26	0.008	0.2	0.015	0.38	0.296	7.52
E2022S	2	20	Class 2 = stranded	7/28	0.007	0.18	0.008	0.2	0.142	3.61
E2024S	4	20	Class 2 = stranded	7/28	0.007	0.18	0.008	0.2	0.161	4.09
E2000S	2	22	Class 1 = solid	Solid	0.008	0.2	0.015	0.38	0.117	2.97
E2002S	2	22	Class 2 = stranded	7/30	0.008	0.2	0.015	0.38	0.132	3.35
E2003S	3	22	Class 2 = stranded	7/30	0.008	0.2	0.015	0.38	0.135	3.43

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E2004S	4	22	Class 2 = stranded	7/30	0.008	0.2	0.015	0.38	0.147	3.73
E2006S	6	22	Class 2 = stranded	7/30	0.008	0.2	0.015	0.38	0.173	4.39
E2008S	8	22	Class 2 = stranded	7/30	0.008	0.2	0.015	0.38	0.195	4.95
E2010S	10	22	Class 2 = stranded	7/30	0.008	0.2	0.015	0.38	0.218	5.54
E2012S	12	22	Class 2 = stranded	7/30	0.01	0.25	0.008	0.2	0.222	5.64