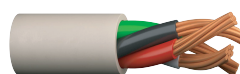


CAROL® Electronics Quick Reference & Applications Guide

Over the past 75 years, Prysmian's CAROL® brand has become synonymous with excellence in wire & cable products. Prysmian takes pride in manufacturing the most comprehensive line of CAROL® Electronics Cables for signal & data transmission, security, fire alarm & life safety, as well as sound, audio/video, & home entertainment. Explore our range and experience the reliability of CAROL®, now available for prompt delivery from Encore Wire.

Alarm and Security

CAROL® Electronics is the right solution for all alarm and security needs. With an expansive range of product offerings, CAROL products are unparalleled in the industry. Our Alarm & Security Solutions Guide makes specifying and selling the right cables for every application in this ever-growing market easier.



Part #	Product Description	Applications
PLENUM UNSHIELDED ALARM AND SECURITY		
E3004S	4C/22 Multi-Cond. 7/30BC UNSH CL3P/CMP/FPLP	<ul style="list-style-type: none"> Power-Limited Control Circuits Wiring of Intercom, Security, Audio, Background Music Suggested Voltage Rating: 300 V
E3032S	2C/18 Multi-Cond. 7/26BC UNSH CL3P/CMP/FPLP	
E3034S	3C/18 Multi-Cond. 7/26BC UNSH CL3P/CMP/FPLP	
E3033S	4C/18 Multi-Cond. 7/26BC UNSH CL3P/CMP/FPLP	
E3042S	3C/18 Multi-Cond. 7/26BC UNSH CL3P/CMP/FPLP	



PLENUM SHIELDED ALARM AND SECURITY		
E2104S	22/4 Multi-Cond. 7/30BC OA SH CMP/CL3P	<ul style="list-style-type: none"> Power-Limited Control Circuits Wiring of Intercom, Security, Audio, Background Music Suggested Voltage Rating: 300 V
E2106S	22/6 Multi-Cond. 7/30BC OA SH CMP/CL3P	
E2202S	18/2 Multi-Cond. 7/26BC OA SH CMP/CL3P	
E2204S	18/4 Multi-Cond. 7/26BC OA SH CMP/CL3P	
E2206S	18/6 Multi-Cond. 7/26BC OA SH CMP/CL3P	



RISER (NON-PLENUM) UNSHIELDED ALARM AND SECURITY		
E1002S	22/2 Multi-Cond. 7/30BC UNSH CMR/CL3R	<ul style="list-style-type: none"> Power-Limited Control Circuits Wiring of Intercom, Security, Audio, Background Music Suggested Voltage Rating: 300 V
E1004S	22/4 Multi-Cond. 7/30BC UNSH CMR/CL3R	
E1032S	18/2 Multi-Cond. 7/26BC UNSH CMR/CL3R	
E1034S	18/4 Multi-Cond. 7/26BC UNSH CMR/CL3R	
E1042S	16/2 Multi-Cond. 19/0117BC UNSH CMR	

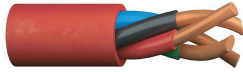


RISER (NON-PLENUM) SHIELDED ALARM AND SECURITY		
E2002S	22/2 Multi-Cond. 7/30BC OA SH CMR/CL3R	<ul style="list-style-type: none"> Power-Limited Control Circuits Wiring of Intercom, Security, Audio, Background Music Suggested Voltage Rating: 300 V
E2032S	18/2 Multi-Cond. 7/26BC OA SH CMR/CL3R	
E2033S	18/3 Multi-Cond. 7/26BC OA SH CMR/CL3R	
E2034S	18/4 Multi-Cond. 7/26BC OA SH CMR/CL3R	
E2042S	16/2 Multi-Cond. 19/0117BC OA SH CMR	

Note: Other gauges, colors, and packaging are available. Contact your Prysmian / Encore Wire Sales Representative for additional ordering options.

Fire Alarm

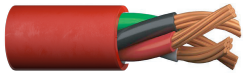
CAROL® Electronics' offering relies on the most modern microprocessor and chip technologies. CAROL designs have proven themselves in fire system security over time. All are fabricated with solid, bare copper conductors and insulations, and jackets of premium-grade PVC. Offered with or without shields to protect critical circuits from noise, these cables will provide the latest technology for system installers and contractors.



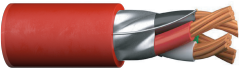
PART #	PRODUCT DESCRIPTION	APPLICATIONS
PLENUM UNSHIELDED FIRE ALARM		
E3502S	1/28 Multi-Cond. SBC PVC/NS/FLEX FPLP	<ul style="list-style-type: none"> Residential Housing Business and Office Campus Environments Public Stadiums and Arenas Airport, Train, Bus and Other Transportation Hubs Schools, Colleges and Universities Commercial Buildings
E3504S	18/4 Multi-Cond. SBC PVC/NS/FLEX FPLP	
E3512S	16/2 Multi-Cond. SBC PVC/NS/FLEX FPLP	
E3522S	14/2 Multi-Cond. SBC PVC/NS/FLEX FPLP	
E3532S	12/2 Multi-Cond. SBC PVC/NS/FLEX FPLP	



PLENUM SHIELDED FIRE ALARM		
E3602S	18/2 Multi-Cond. SBC PVC/OA/FLEX FPLP	<ul style="list-style-type: none"> Residential Housing Business and Office Campus Environments Public Stadiums and Arenas Airport, Train, Bus and Other Transportation Hubs Schools, Colleges and Universities Commercial Buildings
E3604S	18/4 Multi-Cond. SBC PVC/OA/FLEX FPLP/CMP	
E3612S	16/2 Multi-Cond. SBC PVC/OA/FLEX FPLP	
E3622S	14/2 Multi-Cond. SBC PVC/OA/FLEX FPLP	
E3632S	12/2 Multi-Cond. SBC PVC/OA/FLEX FPLP/CMP	



RISER (NON-PLENUM) UNSHIELDED FIRE ALARM		
E1502S	18/2 Multi-Cond. SBC UNSH TYPE FPLR	<ul style="list-style-type: none"> Residential Housing Business and Office Campus Environments Public Stadiums and Arenas Airport, Train, Bus and Other Transportation Hubs Schools, Colleges and Universities Commercial Buildings
E1504S	18/4 Multi-Cond. SBC UNSH TYPE FPLR	
E1512S	16/2 Multi-Cond. SBC UNSH TYPE FPLR	
E1522S	14/2 Multi-Cond. SBC UNSH TYPE FPLR	
E1532S	12/2 Multi-Cond. SBC UNSH TYPE FPLR	



RISER (NON-PLENUM) SHIELDED FIRE ALARM		
E2502S	18/2 Multi-Cond. SBC OA SH TYPE FPLR	<ul style="list-style-type: none"> Residential Housing Business and Office Campus Environments Public Stadiums and Arenas Airport, Train, Bus and Other Transportation Hubs Schools, Colleges and Universities Commercial Buildings
E2504S	18/4 Multi-Cond. SBC OA SH TYPE FPLR	
E2522S	16/2 Multi-Cond. SBC OA SH TYPE FPLR	
E2524S	16/4 Multi-Cond. SBC OA SH TYPE FPLR	
E2532S	14/2 Multi-Cond. SBC OA SH TYPE FPLR	

Note: Other gauges, colors, and packaging are available. Contact your Prysmian / Encore Wire Sales Representative for additional ordering options.

Classics – Communications & Control

Paired cable designs find frequent application in circuits requiring circuit-to-circuit isolation from noise, minimization of capacitance imbalances and a reduction of EMI interference currents. Circuit separation is further enhanced in those designs employing individual circuit shields in concert with an overall shield. These CAROL® shielding systems are available in myriad combinations to suit the unique needs of the circuit designer.

* Paired constructions are also available



PART #	PRODUCT DESCRIPTION	APPLICATIONS
RISER SHIELDED CLASSICS		
C2514A	22/2 Multi-Cond. 7/30TC SHLD CM	<ul style="list-style-type: none"> · Remote and Process Control · Public Address Systems · Building Automation for EIA 232 Serial Applications · HVAC/Lighting
C0763A	22/6 Multi-Cond. 7/30TC SHLD CM	
C2534A	18/2 Multi-Cond. 16/30TC SHLD CM	
C2535A	18/3 Multi-Cond. 16/30TC SHLD CM	
C2543A	18/4 Multi Cond. 19/30TC SHLD CM	



RISER UNSHIELDED CLASSICS		
C6348A	22/2 Multi-Cond. 7/30TC UNSH CM	<ul style="list-style-type: none"> · Remote and Process Control · Public Address Systems · Building Automation for EIA 232 Serial Applications · HVAC/Lighting
C4062A	22/3 Multi-Cond. 7/30TC UNSH CM	
C4063A	22/4 Multi-Cond. 7/30TC UNSH CM	
C6351A	20/2 Multi-Cond. 7/28TC UNSH CM	
C2831A	18/3 Multi-Cond. 16/30TC UNSH CM	



PLENUM SHIELDED CLASSICS		
C3158	22/2 Multi-Cond. 7/30TC PVC/SHLD/FLEX CMP	<ul style="list-style-type: none"> · Remote and Process Control · Public Address Systems · Building Automation for EIA 232 Serial Applications · HVAC/Lighting
C3062	18/2 Multi-Cond. 7/26BC PVC/SHLD/FLEX CMP	
C3063	18/4 Multi Cond. 7/26BC PVC/SHLD/FLEX CMP	
C3065	18/6 Multi-Cond. 7/26BC PVC/SHLD/FLEX CMP	
C3068	16/2 Multi-Cond. 19/0117BC SHLD/FLEX CMP	

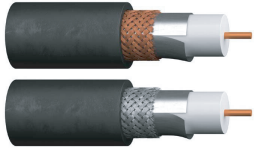


PLENUM UNSHIELDED CLASSICS		
C3115	22/2 Multi-Cond. 7/30TC PVC/UNSH/FLEX CMP	<ul style="list-style-type: none"> · Remote and Process Control · Public Address Systems · Building Automation for EIA 232 Serial Applications · HVAC/Lighting
C3112	18/2 Multi-Cond. 7/26BC PVC/UNSH/FLEX CMP	
C3113	18/4 Multi-Cond. 7/26BC PVC/UNSH/FLEX CMP	
C3122	18/8 Multi-Cond. 7/26BC PVC/UNSH/FLEX CMP	
C3128	14/2 Multi-Cond. 19/0147BC UNSH/FLEX CL3P	

Note: Other gauges, colors, and packaging are available. Contact your Prysmian / Encore Wire Sales Representative for additional ordering options.

Coax

CAROL® offers a complete line of coaxial cables for today's sophisticated high-speed, wide-bandwidth electronics products that run over long distances with minimal signal loss or degradation.

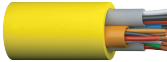


PART #	PRODUCT DESCRIPTION	APPLICATIONS
C5775	18/1 RG6/U FL+60%AL/BRD SHLD CL2/CM	<ul style="list-style-type: none"> · CATV · MATV
C5886	18/1 RG6/U FL+60%AL/BRD SHLD CMR	
C5785	18/1 RG6/U QUAD SHLD CL2/CM	
C5889	18/1 RG6/U QUAD SHLD RISER	
C1156	26/1 RG174U 88%TC/BRD SHLD	
C3524	18/1 RG6/U FL+80%AL/BRD SHLD CL2P/CMP	
C3525	18/1 RG6/U QUAD SHLD CL2P/CMP	
C3521	18/1 RG6/U FL+95%TC/BRD SHLD HD/ETL/CMP	
C3528	14/1 RG11/U FL+60%AL/BRD SHLD CL2P	
C3529	14/1 RG11/U QUAD SHLD CL2P	
C8029	18+1PR18 RG6/U CCTV/CM/CL2	<ul style="list-style-type: none"> · CCTV · RF/Broadcast · HDTV
C8028	20+1PR18 RG59/U CCTV/CM/CL2	
C1142	20/1 RG59/U 95%BC/BRD SHLD CL2/CM	
C8030	20+1PR18 RG59/U CCTV PLENUM	<ul style="list-style-type: none"> · CCTV · HDTV
495025	18/1 RG6/U FL+95%TC/BRD SHLD HD/SDI/CMP	
495028	20/1 RG59/U 95%BC/BRD SHLD CMP	
495015	14/1 RG11/U 95%BC/BRD SHLD PVDF CMP	

Note: Other gauges, colors, and packaging are available. Contact your Prysmian / Encore Wire Sales Representative for additional ordering options.

Access Control

CAROL® offers a wide range of coaxial and twinaxial designs in unbalanced arrays and precision-balanced pairs. The designs provide the system designer with a wide choice of cost-effective products that reflect the most recent changes in the standards set by UL, CSA and the FCC. Multiple cables under one jacket save time in preparation, setup, pulling and termination!



PART #	PRODUCT DESCRIPTION	APPLICATIONS
4EPL1S	4 Elements 1 Shielded Overall Jacket Access Control Plenum	• Card Readers • Door Contacts • Lock Power • Retinal Scanner in Commercial Buildings
4EPL4S	4 Shielded Elements Overall Jacket Access Control Plenum	
4ERS1S	4 Elements 1 Shielded Overall Jacket Access Control Riser	
4ERS4S	4 Shielded Elements Overall Jacket Access Control Riser	

Note: Other gauges, colors, and packaging are available. Contact your Prysmian / Encore Wire Sales Representative for additional ordering options.

JACKET COLOR CODING & COMPONENT APPLICATION

JACKET COLOR	COMPONENT	CABLE TYPE	APPLICATION
Gray	1	4 Conductor, 18 AWG	Lock Power
Orange	2	3 Pair, 22 AWG	Card Reader
White	3	2 Conductor, 22 AWG	Door Contact
Blue	4	4 Conductor, 22 AWG	Rex/Spare

Note: Other gauges, colors, and packaging are available.
Contact your Prysmian / Encore Wire Sales Representative for additional ordering options.

