

Command® Series Cruise Ship Cables

**CAROL
BRAND**



**ELECTRONICS
WIRE & CABLE**

General Cable's Carol® Brand Command Series Cruise Ship Cables are manufactured for use on cruise ships and yachts. These cables, which contain low smoke, zero halogen jackets, are designed to deliver premier audio, video and data communications capabilities aboard marine vessels.

The Carol Brand Command Series Cruise Ship Cables are RoHS compliant and approved by the American Bureau of Shipping (ABS) for use in marine applications.

ABS is the leading international organization committed to promoting the security of life, property and the natural environment primarily through the development and verification of standards for the design, construction and operational maintenance of marine-related facilities. Their stamp on Carol Brand Command Series Cruise Ship Cables means that our cables have been certified for product compliance and will perform reliably in marine and off-shore environments. For more information on ABS, please visit: www.eagle.org

When your cruise ship or yacht project requires high-quality performance, think of Carol Brand Command Series Cruise Ship Cables.

You can always *Demand Better...Expect More™* with General Cable Carol Brand Electronic cables. We manufacture over 1,300 standard electronic cables that we can ship direct from stock, and we have the technical staff and design expertise to meet any customer cable requirement.



- Special Application Cable
- Hook-Up Wire
- Plenum Cable
- Coaxial Cable
- Microphone Cable
- Computer Cable
- General Purpose Cable
- Multi-Conductor Communication & Control Cable
- Multi-Paired Communication & Control Cable
- Fire Alarm Cable
- Sound & Security Cable

 **General Cable**

 **ABS**

 **RoHS Compliant**
Directive 2002/95/EC

 **UL**
LISTED

**CAROL
BRAND**

Command® Series Cruise Ship Cables

ABS Listed



Carol® Brand Command® Series Audio Control & Instrumentation Cable—Multi-Pair, Foil Shield

PART NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND.	JACKET TYPE	JACKET COLOR/TEMPERATURE	NOMINAL O.D.		INSULATION TYPE	INSULATION THICKNESS		CONDUCTOR COLOR CODE	NOM. CAP. pF/FT	
						INCHES	mm		INCHES	mm		A	B
C2520ACS	1 Pair	22	7/30 Tinned Copper	Flame Retardant Low Smoke Halogen Free Polyolefin PVC	Black/-30°C +75°C	0.162	4.11	-40°C to +105°C Polypropylene	0.008	0.20	Black - Red	35	67
C1352ACS	2 Pair	22	7/30 Tinned Copper	Flame Retardant Low Smoke Halogen Free Polyolefin PVC	Black/-30°C +75°C	0.196	4.98	-40°C to +105°C Polypropylene	0.008	0.20	P1: Black - Red, P2: Green - White	35	62
C6040ACS	3 Pair	22	7/30 Tinned Copper	Flame Retardant Low Smoke Halogen Free Polyolefin PVC	Black/-30°C +75°C	0.270	6.86	-40°C to +105°C Polypropylene	0.010	0.25	P1: Black - Red, P2: Black - White, P3: Black - Green	30	55

APPROVALS - (UL) c(UL) Listed Communication Cable Type CMG-LS 75°C, ABS Listed, & RoHS Compliant

A - Capacitance between conductors

B - Capacitance between one conductor and other conductors connected to the shield

Carol® Brand Command® Series RG-6 Coaxial Cable

PART NUMBER	DESCRIPTION	JACKET TYPE	JACKET COLOR/TEMPERATURE	NOMINAL O.D.		INSULATION TYPE	INSULATION THICKNESS		NOM. IMP. (Ω)	NOMINAL VEL. OF PROP.	NOM. CAP. pF/FT	NOMINAL ATTENUATION			
				INCHES	mm		INCHES	mm				MHz	dB/100 FT	MHz	dB/100 FT
C5775ACS	18 AWG Solid Copper-Clad Steel, Dual Shielded, CATV Coaxial Cable	Flame Retardant Low Smoke Halogen Free Polyolefin PVC	Black/-30°C +75°C	0.274	6.96	Gas Injected Foam Polyethylene	0.0700	1.78	75±3	83%	16.2	5.00	0.67	550	4.71
												55.00	1.60	750	5.59
												211.00	2.87	870	6.00
												270.00	3.24	1000	6.54
												300.00	3.43	1450	8.30
												350.00	3.72	1800	9.30
												400.00	4.00	2250	10.60
450.00	4.26	3000	11.90												
C5814ACS	18 AWG Solid Bare Copper, Dual Shielded, Video Coaxial Cable	Flame Retardant Low Smoke Halogen Free Polyolefin PVC	Black/-30°C +75°C	0.274	6.96	Gas Injected Foam Polyethylene	0.0700	1.78	75	82%	16.2	1.00	0.24	270	2.97
												3.58	0.45	360	3.43
												5.00	0.54	540	4.25
												7.00	0.63	720	4.95
												10.00	0.72	750	5.00
												67.50	1.57	1000	5.89
												71.50	1.60	1500	7.33
												88.50	1.75	2000	8.57
												100.00	1.84	2250	9.14
												135.00	2.10	3000	10.67
												143.00	2.16	4500	13.29
180.00	2.42	—	—												
C8029ACS	Element 1 - 18 AWG Solid Bare Copper, Video Coaxial Cable	Flame Retardant Low Smoke Halogen Free Polyolefin PVC	Black/-30°C +75°C	0.275	6.99	Gas Injected Foam Polyethylene	0.0700	1.78	75	83%	16.3	1.00	0.20	200	3.00
												5.00	0.45	400	4.30
												10.00	0.64	700	5.80
C8029ACS	Element 2 - 2 Cond. 18 AWG 7/.0152" Stranded Bare Copper, Power Pair	Flame Retardant Low Smoke Halogen Free Polyolefin PVC	Black/-30°C +75°C	0.186	4.72	-40°C to +105°C Polypropylene	0.0065	0.17	—	—	24**	—	—	—	—
												—	—	—	—
												—	—	—	—

APPROVALS - (UL) c(UL) Listed Communication Cable Type CMG-LS 75°C, ABS Listed, & RoHS Compliant

** - Capacitance between conductors

Carol® Brand Command® Series Category 5e Cable

PART NUMBER	DESCRIPTION	JACKET TYPE	JACKET COLOR/TEMPERATURE	NOMINAL O.D.		INSULATION TYPE	INSULATION THICKNESS		CONDUCTOR COLOR CODE	INPUT IMP. (Ω)	FREQUENCY	VALUES ARE EXPRESSED IN dB PER 100m (328 FT) LENGTH									
				INCHES	mm		INCHES	mm				PSCAR	ACR	ATTENUATION	PSNEXT	NEXT	PSELFEXT	ELFEXT	RL		
																				MIN.	MIN.
CR5ACS	4 Pair 24 AWG Stranded Tinned Copper ScTP Category 5e Cable	Flame Retardant Low Smoke Halogen Free Polyolefin PVC	Black/-30°C +75°C	0.260	6.60	Polyolefin	0.010	0.25	P1: White/Blue - Blue P2: White/Orange - Orange P3: White/Green - Green P4: White/Brown - Brown	100±15	0.772	62.2	65.2	1.8	64.0	67.0	63.0	66.0	—		
												1.000	60.3	63.3	2.0	62.3	65.3	60.8	63.8	20.0	
												4.000	49.2	52.2	4.1	53.3	56.3	48.7	51.7	23.0	
												8.000	43.0	46.0	5.8	48.8	51.8	42.7	45.7	24.5	
												10.000	40.8	43.8	6.5	47.3	50.3	40.8	43.8	25.0	
												16.000	36.1	39.1	8.2	44.3	47.3	36.7	39.7	25.0	
												20.000	33.5	36.5	9.3	42.8	45.8	34.7	37.7	25.0	
												25.000	30.9	33.9	10.4	41.3	44.3	32.8	35.8	24.3	
												31.250	28.2	31.2	11.7	39.9	42.9	30.9	33.9	23.6	
												62.500	18.4	21.4	17.0	35.4	38.4	24.8	27.8	21.5	
												100.000	10.3	13.3	22.0	32.3	35.3	20.8	23.8	20.1	

APPROVALS - (UL) c(UL) Listed Communication Cable Type CMG-LS 75°C, ABS Listed, & RoHS Compliant

