

**CAROL  
BRAND****ELECTRONICS  
WIRE & CABLE**

## ■ Low Skew 4 Pair UTP Cables for RGB Video

General Cable's **Carol® Brand Low Skew UTP Cable** is manufactured for your RGB video and Digital CCTV camera needs. Video transmission requires large amounts of information to be delivered with precise timing and minimal skew delay in order to allow for a smooth and clear picture. The Carol Brand Low Skew UTP Cable is not only designed to deliver a high quality signal, but it is also a cost-efficient solution for your video transmission needs.

While the basic elements of the Low Skew Cable construction are similar to a UTP Cable (Category Cable) used for data transmission, the design of the pair twists is the secret to delivering information in a manner necessary for streaming, high-quality video. Category Cable utilizes different twist rates to minimize crosstalk during data transmission, while the Low Skew Cable has the same twist rate for each of the pairs so the information can arrive at the exact same time.

When your job requires Low Skew UTP Cables for video application, think Carol Brand Cables first. Remember, 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 custom 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

*For more information, contact your local General Cable representative.*



 **General Cable**

# Low Skew 4 Pair UTP Cables for RGB Video

**CAROL  
BRAND**



**ELECTRONICS  
WIRE & CABLE**

## 24 AWG 4 PAIR UTP

CATALOG NUMBER	AWG SIZE	NOM. DCR	NOM. O.D. INCHES	INSULATION MATERIAL		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, OHMS	NOMINAL ATTENUATION		BELDEN PART NO.
				INCHES	mm			MHz	dB/100ft.	
Low Skew Type										
<b>E3842S CMP</b> 	24 AWG Solid Bare Copper	27.4Ω/Mft	0.185	Fluorinated Ethylene Propylene (FEP)		70	100	1	2.0	7987P
				0.035 0.9				4	4.1	
								8	5.8	
								10	6.5	
								16	8.2	
								20	9.3	
								25	10.4	
								31.25	11.7	
								62.5	17.0	
								100	22.0	
								155	28.1	
								200	32.0	
								250*	36.4	
								300*	41.0	
								350*	44.8	
<b>E1842S CMR</b> 	24 AWG Solid Bare Copper	27.4Ω/Mft	0.185	High Density Propylene (HDPE)		70	100	1	2.0	7987R
				0.035 0.9				4	4.1	
								8	5.8	
								10	6.5	
								16	8.2	
								20	9.3	
								25	10.4	
								31.25	11.7	
								62.5	17.0	
								100	22.0	
								155	28.1	
								200	32.0	
								250*	36.4	
								300*	41.0	
								350*	44.8	

\* For information only

## 23 AWG 4 PAIR UTP

CATALOG NUMBER	AWG SIZE	NOM. DCR	NOM. O.D. INCHES	INSULATION MATERIAL		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, OHMS	NOMINAL ATTENUATION		BELDEN PART NO.
				INCHES	mm			MHz	dB/100ft.	
Low Skew Type										
<b>E3843S CMP</b> 	23 AWG Solid Bare Copper	22.0Ω/Mft	0.200	Fluorinated Ethylene Propylene (FEP)		70	100	1	2.0	7989P
				0.040	1.0			4	3.8	
								8	5.3	
								10	6.0	
								16	7.6	
								20	8.5	
								25	9.5	
								31.25	10.7	
								62.5	15.4	
								100	19.8	
								155	25.2	
								200	29.0	
								250	32.8	
								300*	35.2	
								350*	39.8	
<b>E1843S CMR</b> 	23 AWG Solid Bare Copper	22.0Ω/Mft	0.200	High Density Propylene (HDPE)		70	100	1	2.0	7989R
				0.040	1.0			4	3.8	
								8	5.3	
								10	6.0	
								16	7.6	
								20	8.5	
								25	9.5	
								31.25	10.7	
								62.5	15.4	
								100	19.8	
								155	25.2	
								200	29.0	
								250	32.8	
								300*	35.2	
								350*	39.8	

\* For information only

### Product Construction:

- Conductor: • 23 or 24 AWG Solid Bare Copper  
 Insulation: • Fluorinated Ethylene Propylene (FEP)  
 • High Density Propylene (HDPE)  
 Jacket: • Plenum - Flexguard® Green  
 • Riser - PVC Maroon

### Applications:

- Suitable for RGB Video Applications
- Digital CCTV Cameras

### Industry Approvals:

- NEC Article 800 Type CMR (UL), c(UL)
- NEC Article 800 Type CMP (UL), c(UL)

### Packaging:

- 1000' Pull Packs
- Contact Customer Service for Additional Packing Options

### Color Code Chart

Pair	Color Combination
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown



**General Cable**

4 Tesseneer Drive, Highland Heights, Kentucky 41076-9753

GENERAL CABLE, CAROL BRAND, and FLEXGUARD are trademarks of General Cable Technologies Corporation.

©2007. General Cable Corporation. Highland Heights, KY 41076  
 All rights reserved.

Printed in USA

Phone: 1.800.424.5666

1.859.572.8000

Fax: 1.800.547.8249

www.generalcable.com

Form No. CAR-0099-0907