



# PRODUCT SPECIFICATIONS

**CONVERGENT  
CONNECTIVITY  
TECHNOLOGY**

## 5214R



**Description:** 18AWG solid bare copperweld quad shield RG6/U 75Ohm coaxial cable

**Ratings/Approvals:** NEC Article 800 & 820, UL Subject 444 & 1581, Type CMR/CATVR, C(ETL)US, RoHS Compliant

**Applications:** Video Display, Point-Of-Sale Terminals, Local Area Network Controls, and CATV Broadcast Applications, Swept to 3.0 GHz.

### CONSTRUCTION

Conductor:	18 AWG Bare Copperweld
Stranding:	Solid
Dielectric Material:	Cellular Polyethylene
Dielectric Core Diameter:	0.180 in. (4.572 mm.) Nominal
1st Shield:	Coaxial Shielding Tape (100% Coverage)
2nd Shield:	Aluminum Braid
3rd Shield:	Coaxial Shielding Tape (100% Coverage)
4th Shield:	Aluminum Braid
Jacket Material:	Polyvinyl Chloride
Overall Cable Diameter:	0.300 in. (7.620 mm.) Nominal
Approx Cable Weight /1,000 ft.:	32 lbs.

### ELECTRICAL & PHYSICAL PROPERTIES

Capacitance:	16.2pF/ft Nominal	
Velocity of propagation:	84% Nominal	
Characteristic Impedance:	75Ω Nominal	
Nominal attenuation per 100ft:	1.46 dB @ 50 MHz	7.50 dB @ 1200 MHz
	2.05 dB @ 100 MHz	8.50 dB @ 1450 MHz
	2.83 dB @ 200 MHz	9.50 dB @ 2200 MHz
	6.88 dB @ 1000 MHz	12.0 dB @ 3000 MHz
Temperature Rating:	-10°C to 60°C	

Issue Date: June '16 Revision: 3

**THE STRONGEST LINK IN YOUR SUPPLY CHAIN**

PHONE: 866-905-6744  
FAX: 845-651-3564

[techsupport@cctcable.com](mailto:techsupport@cctcable.com)



PO BOX 454  
FLORIDA, NY 10921



# PRODUCT SPECIFICATIONS

**CONVERGENT  
CONNECTIVITY  
TECHNOLOGY**

**5214R**



**Note:** While Convergent Connectivity Technology has made every reasonable effort to ensure the accuracy of the information in this document, Convergent Connectivity Technology does not guarantee that it is error-free, nor does Convergent Connectivity Technology make any other representation, warranty, or guarantee that the information is accurate, correct, reliable or current. Convergent Connectivity Technology reserves the right to make any adjustments to the information contained herein at any time without notice. Convergent Connectivity Technology expressly disclaims all implied warranties regarding the information contained herein, including but not limited to, any implied warranties of merchantability or fitness for particular purpose. The dimensions in this document are for reference purposes only and are subject to change without notice.

Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and non-returnable.

Signature: \_\_\_\_\_

Company: \_\_\_\_\_

Date: \_\_\_\_\_

Issue Date: June '16 Revision: 3

**THE STRONGEST LINK IN YOUR SUPPLY CHAIN**

PHONE: 866-905-6744  
FAX: 845-651-3564

[techsupport@cctcable.com](mailto:techsupport@cctcable.com)



PO BOX 454  
FLORIDA, NY 10921