



# PRODUCT SPECIFICATIONS

**CONVERGENT  
CONNECTIVITY  
TECHNOLOGY**

## 5015

**Description:** 20AWG solid bare copper RG59/U 75 Ohm Non-Plenum coaxial cable and two 18AWG bare copper conductors, in a siamese construction, with an overall jacket

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

**Applications:** CCTV, Radio, Camera and Camera Control

### CONSTRUCTION

Conductor (coax):	20 AWG Bare Copper	Conductor (2C):	18 AWG Bare Copper
Stranding (coax):	Solid	Stranding (2C):	7 Strand
Dielectric Material (coax):	Cellular Polyethylene	Insulation Material (2C):	Polyolefin
Dielectric Core Diameter (coax):	0.145 in. (3.688 mm.) Nominal	Insulation Thickness (2C):	0.007 in. (0.228 mm.) Nominal
Braid Shield (coax):	CCA Braid	Color Code (2C):	Black, Natural
Overall Construction type:	Siamese		
Overall Jacket Material:	Polyvinyl Chloride		
Nominal Overall Dimensions:	Minor over RG-59/U:	0.237 in (6.019 mm) Nominal	
	Minor over 18/2C:	0.192 in (4.876 mm) Nominal	
	Major:	0.454 in (11.531 mm) Nominal	
Approx Cable Weight/1,000ft.:	52 lbs.		

### ELECTRICAL & PHYSICAL PROPERTIES

Operative Voltage:	300 V RMS		
Nominal Capacitance (coax):	16.3 pF/ft		
Nominal Velocity of propagation (coax):	84%		
Nominal Impedance (coax):	75Ω		
Nominal attenuation per 100ft (coax):	1.90 dB @ 50 MHz	7.00 dB @ 700 MHz	
	3.60 dB @ 200 MHz	8.00 dB @ 900 MHz	
	5.00 dB @ 400 MHz	8.50 dB @ 1000 MHz	
Temperature Rating:	-10°C to +60°C		

Issue Date: April '10 Revision: 0

**THE STRONGEST LINK IN YOUR SUPPLY CHAIN**



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

Page 1 of 1

PO BOX 454  
FLORIDA, NY 10921

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

The information provided herein is, to the best of our knowledge, true and accurate. Since conditions of use are beyond our control, all information presented is without guarantee or responsibility on our part. We disclaim all liability in connection with the use of information contained herein or otherwise.