



# PRODUCT SPECIFICATIONS

*CONVERGENT  
CONNECTIVITY  
TECHNOLOGY*

## 5225

**Description:** 18AWG solid bare copper RG6/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 CM, C(ETL)US, RoHS Compliant

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

### CONSTRUCTION

Conductor (coax):	18 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):	0.180 in. (4.572 mm.) Nominal	Insulation Thickness (2C):	0.007 in. (0.228 mm.) Nominal
Braid Shield (coax):	CCA Braid	Color Code (2C):	Black, Red
Overall Construction type:	Siamese		
Overall Jacket Material:	Polyvinyl Chloride		
Nominal Overall Dimensions:	Minor over RG-6/U:	0.270 in (6.858 mm) Nominal	
	Minor over 18/2C:	0.198 in (5.029 mm) Nominal	
	Major:	0.493 in (12.522 mm) Nominal	
Approx Cable Weight/1,000ft.:	66 lbs.		

### ELECTRICAL & PHYSICAL PROPERTIES

Operative Voltage:	300 V RMS
Nominal Capacitance (coax):	17.3 pF/ft
Nominal Velocity of propagation (coax):	78%
Nominal Impedance (coax):	75Ω
Nominal attenuation per 100ft (coax):	2.20 dB @ 100 MHz 4.00 dB @ 200 MHz 8.30 dB @ 900 MHz
Temperature Rating:	-10°C to +60°C

Issue Date: June '15      Revision: 1

***THE STRONGEST LINK IN YOUR SUPPLY CHAIN***

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

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

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

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