

### DESCRIPTION

- This Cable has 18 AWG bare copper center conductor surrounded by a foam polyethylene dielectric, 60% AL braid, Dual Burial Water Block and PVC Jacket. Use for CL1, CL2, CM, CMR, CMX and CMG installations. Sweep-tested to 3GHz to ensure performance.

### APPLICATIONS

- Indoor for CCTV, MATV, and SMATV
- Outdoor for Digital Satellite Reception

### STANDARD COMPLIANCES

- ANSI/TIA 568-C.2
- NEC Article 800 & 820 Compliance
- ANSI/TIA 862 (Building Automation)
- ISO/IEC 11801 Ed. 2.0 (Class EI)
- ICEA 8-102-700 (Category 6 or 5E)
- REACH Compliant
- CPR Compliant (Fully Comply to 305/2011 & EN 50575:2014-09)
- RoHS Compliant Directive 2002/95/EG

### PHYSICAL PROPERTIES

Conductor	Material	Solid Copper Clad Steel
	Nominal Outside Diameter	1.02 mm (± 0.01)
Insulation	Material	Foam PE
	Diameter	4.57 mm (± 0.)
First Shield	Material	Aluminum / PET-Foil-Bonded
Second Shield	Material	Aluminum Wire
	Construction	0.1mm x 16 x 5
Flooded	Material	Water Blocking Tape
Jacket Physical Properties	Before Aging Tensile Strength	15.0 Mpa
	Elongation (%)	500
Jacket	Material	PE (Complies RoHS)
	Nom. Thickness	0.68 mm
	External O.D.	6.60 ± 0.20 mm
	Color	Black

### ELECTRICAL CHARACTERISTICS

Nom. Center Conductor DC Resistance	32.0 ohm/kft
Velocity of Propagation (%)	82
Nominal Capacitance	15.6 pF/ft
Impedance	75 ± 3 Ohms
Jacket Spark Test Voltage	AC 3000V
Temperature Range	-45 ~ 80°C

1000' Wood Reel  
Weight: 33 lbs.

### AVAILABLE RG6/U (PART NUMBERS)

PVC	Plenum	Direct Burial
6CCSCMR5B5x	6CCSCMPRx	<b>6OUTWCCSRB</b>
6CCSCMRxx		
6SCCMR95RB		
6DCCSCMRRB		
6182SCCMRRB		

Toll Free: (866) 945-5051  
Local: (770) 945-5051  
Fax: (770) 945-9582  
[www.commoditycables.com](http://www.commoditycables.com)



# RG6 18AWG 3GHz CCS 60% AL BRAID DUAL BURIAL DUAL SHIELD WATER BLOCK CATV

**PART NO. 6OUTWCCSRB**

## ELECTRICAL PERFORMANCE

FREQUENCY (MHz)	ATT (dB/100ft) NOM
10	0.82
55	1.60
211	3.05
400	4.15
870	6.10
1000	6.54
1450	8.04
2250	10.0
3000	11.90

AVAILABLE JACKET COLORS	
STANDARD	BLACK
SPECIAL	Per Customer Request*

## JACKETS ABBREVIATION

Black	B	Last alphabetical character of each part number indicates the color code that the Jacket is available in. For example Part # 6CMR244Bx ("x" indicates all the colors to the left are available for this product.
White	W	
Gray	G	
Blue	O	
Yellow	Y	
Green	V	
Orange	OR	
Purple	P	
Red	R	
Pink	PI	

Toll Free: (866) 945-5051  
Local: (770) 945-5051  
Fax: (770) 945-9582  
[www.commoditycables.com](http://www.commoditycables.com)



\*All values in this specification are nominal and are subjective to tolerances of +/- 10 to 15%.  
It is the sole responsibility of the user to have the most current specification. Specifications are subject to change without notice\*