

DESCRIPTION

- Commodity Cables Inc. Model 6CCSCMR5x, RG6/U Copper Clad Steel 18AWG CMR u/V 3000 MHz, xxx Feet MM/YY (foot mark in descending order)

FEATURES AND BENEFITS

- TEST DATA (needs input)

APPLICATIONS

- Indoor for CATV, 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 Covered Steel
	Nominal Outside Diameter	0.040 in. (4.57 mm)
Insulation	Material	Gas Injected Foam FEP
	Diameter	0.18 in. (4.57 mm)
Shields Number		2
Construction		Non-Plenum/ CMR / Dual Shield
Jacket	Material	PVC
	Messenger (Optional)	-
	Diameter	0.051 in.
	Nom. Outside Diameter	0.272 in. (6.91 mm)
Coverage	1st	Bonded Foil, 120%
	2nd	Aluminum Braid, 60%

ELECTRICAL CHARACTERISTICS

Product Rating	UL/CSA
Flammability Test	CMR / CATV / CL2
Nominal Capacitance	16.2 pf/ft
Max. Conductor DC Resistance Unbalance (%)	53.1 pf/ft
Nom. Impedance	75 ohm
Temperature Range	-20 ~ 75°C
Velocity of Propagation (%) NVP	45

500'
Spool in a Box
Weight: 18 & 32 lbs.

AVAILABLE RG6/U (PART NUMBERS)

PVC	Plenum	Direct Burial
6CCSCMR5x	6CCSCMPRx	6OUTWCCSRB
6CCSCMRxx		
6SCCMR95RB		
6DCCSCMRRB		
6182SCCMRRB		

Toll Free: (866) 945-5051
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RG6/U 18AWG 3GHz CCS 60% AL BRAID CMR / CATV

PART NO. 6CCSCMRSB5X

ELECTRICAL PERFORMANCE

ACRF - Attenuation to Crosstalk Ratio - Far End (dB/100m)

NEXT - Near End Crosstalk (dB/100m)

ACR - Attenuation to Crosstalk Ratio (dB/100m)

PSNEXT - Power Sum Near End Crosstalk (dB/100m)

ELFEXT - Equal Level Far End Crosstalk (dB/100m)

PSELFEXT - Power Sum Equal Level Far End Crosstalk (dB/100m)

RL - Return Loss (dB)

TCL - Transverse Conversion Loss (dB/100m)

ATT - Attenuation (dB/100m)

FREQUENCY (MHz)	ATT (dB/100ft)	RL (dB)
10	0.81	>=26
50	1.46	
200	2.83	>=24
700	5.60	
1000	6.59	>=22
1450	8.04	
2200	9.80	
2500	10.45	
2800	11.06	

Electrical performance with frequency over 250MHz is only for reference

AVAILABLE JACKET COLORS

STANDARD	WHITE	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	

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*All values in this specification are nominal and are subject 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*