

# RG-59/U COAXIAL CABLE PLENUM

09/28/06 REV. 1.0

20 AWG 1C Solid BC 95% BC Braid



**PART NUMBER:** 201M

**DESCRIPTION:** *RG59/U 20 AWG 1 CONDUCTOR SOLID BARE COPPER, FOAM FLUORINATED ETHYLENE PROPYLENE INSULATION, LOW SMOKE PVC JACKET, 95% SOLID BARE COPPER BRAID,(UL) CL2P CMP/FT6*

**PHYSICAL CHARACTERISTICS:**

**TEMPERATURE RATING:** -20°C TO +60°C  
**CONDUCTOR MATERIAL & DIA.:** 20 AWG SOLID BARE COPPER, .032"  
**INSULATION MATERIAL & DIA.:** FOAM FEP, .054"/.140"  
**SHIELD TYPE & % COVERAGE:** SOLID BARE COPPER BRAID, 95%  
**JACKET MATERIAL & THICKNESS:** LOW SMOKE PVC, .017"  
**JACKET COLOR:** BLACK, WHITE  
**OUTSIDE DIAMETER:** .196"  
**FOOTAGE MARKERS:** SEQUENTIAL  
**PACKAGING:** REELS  
**SHIPPING WEIGHT:** 38 LBS./1000 FT.

**ELECTRICAL CHARACTERISTICS:**

**MAX. OPERATING VOLTAGE:** 300V  
**IMPEDANCE:** 75 OHMS  
**NOM. CAPACITANCE CONDUCTOR TO SHIELD:** 16.5 pF/FT  
**NOM. VELOCITY OF PROPAGATION:** 82%  
**NOM. CONDUCTOR DC RESISTANCE @ 20 DEG.C:** 10.1 OHMS/1000 FT

**NOM. ATTENUATION:**

<u>MHZ</u>	<u>DB/100 FT.</u>	<u>MHZ</u>	<u>DB/100 FT.</u>
10	0.8	400	5.6
50	1.8	900	8.8
100	2.6	1000	9.4
200	3.8		

**UL CRITERIA:**

**UL TYPE OR STYLE:** CMP C(UL)US CL2P FT6  
**FLAME RESISTANCE:** UL910 STEINER TUNNEL SMOKE AND FLAME TEST

**NOTES:**

1. Footage markers printed every two feet.
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