

**PART NO. 59CCSCMRxx**
**DESCRIPTION:**

Temperature Range	75°C
Product Rating	CMR/CL2/CATV
Flammability Test	PVC
<b>Application</b>	
Digital, Analog, CATV, Satellite, Off-Air, Broad-band Communication	
<b>Reference Standard</b>	
NEC Article 800 and 820 Compliance	

**CONSTRUCTION**

Conductor	Solid Copper Clad Steel
AWG	20awg
Conductor Dia. (in.)	0.040in.
Dialectric Material	Gas Injected Foam PE
Outer Diameter (in.)	0.146in
Dialectric Strength	Conductor to Shield 3 seconds @ 2500V
Shields Number	2
1st Alum. PET- Aluminum Tape with Overlap (>=15%) Bonded to the dielectric, tape contains min. of 0.00035" (0.009mm) Al. Layer.	
2nd 36awg. Alum. Wire Braid, Min. Braid Angle=13.5°, min. coverage = 40%	

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[www.commoditycables.com](http://www.commoditycables.com)

**ELECTRICAL PROPERTIES**

SRL Sweep Tested to 1.0 GHz. <= -20 dB	
Impedance: 75.0 +/- -3.0 Ohms	
Velocity of Propagation: 85.0% Nominal	
Maximum Attenuation: @ 68 F (20°C)	
Jacket UV Protection Flame Retardant PVC	
NOM. Outer Diameter (in.) (+/-0.0004")	0.182in.
Nominal Impedance	75 Ohm

**COLOR**

<b>Standard</b>	<b>Black</b>
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**PERFORMANCE**

Mhz	Attenuation db/100ft.	db/100m
50	2.00	6.56
100	2.90	9.51
200	4.80	15.74
400	5.60	18.37
700	7.60	24.93
1000	9.30	30.50

**STANDARD PACKAGING**
