

**Technical Data Sheet**  
**CATV/MATV Cables (RG59/U)**



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<b>PART NUMBER:</b>	<b>843</b>
<b>DESCRIPTION:</b>	RG59/U 20 Awg. Bare Copper, Bifoil 100%+Aluminum Braid 65% with an overall PVC Jacket
<b>NEC RATING:</b>	CATV - CL2
<b>APPROVALS:</b>	(UL) C(UL) Listed or c(ETL)us Listed
<b>APPLICATION:</b>	Indoor for: MATV/ CATV

**Construction Parameters:**

Conductor	20 AWG Bare Copper
Stranding	Solid
Insulation Material	Gas Injected Polyethylene
Insulation Thickness	.142" Nom.
Number of Conductors	1 Center Conductor
Shield	100 % Bifoil + 65% Aluminum Braid
Jacket Material	PVC
Overall Cable Diameter	0.232" Nom.
Approximate Cable Weight	19 Lbs/1M' Nom.
Flame Rating	UL 1685 Vertical Tray

**Electrical & Environmental Properties:**

Temperature Rating	-20deg C to 60deg C
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.
Velocity of Propogation	82% Nom.
Impedance	75 ohms Nom.
Shield Effectiveness	95dB Nom.
DC Resistance per Conductor @ 20deg C	10.1 Ohms/1M'
Jacket Color	Black
RoHS Compliant	--

**Nom. Attenuation**

MHz	dB/100ft
55	1.95
100	2.45
270	4.10
330	4.62
450	5.30
750	6.80
1000	7.95
1450	10.20
2000	11.85
3000	15.05

**Mechanical Properties:**

Max. Recommended Pull Tension	42 lbs.
Min. Bend Radius (Install)	2.3"

**Connectors:**

"F" Type Connector	CN-59ALM	(Crimp Tool): TL-111	(Stripping Tool): TL-120
Compression "F" Type	CN-FSNS-2	(Comp. Tool): TL-SNSA	(Stripping Tool): TL-SNSST

Specification Issue Date: 7/06

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Standard Lengths are 1000ft.  
 The Jacket is sequentially footmarked.  
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