

**Technical Data Sheet**  
**CATV/MATV Cables (RG6/U)**



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<b>PART NUMBER:</b>	<b>6100</b>
<b>DESCRIPTION:</b>	RG6/U 18 Awg. Copper Covered Steel, Bifoil 100%+Aluminum Braid 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	18 AWG Copper Covered Steel
Stranding	Solid
Insulation Material	Foam Polyethylene
Insulation Thickness	.180" Nom.
Number of Conductors	1 Center Conductor
Shield	100 % Bifoil + Aluminum Braid
Jacket Material	PVC
Overall Cable Diameter	0.254" Nom.
Approximate Cable Weight	29 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 Propagation	82% Nom.
Impedance	75 ohms Nom.
Shield Effectiveness	90dB Nom.
DC Resistance per Conductor @ 20deg C	28 Ohms/1M' Nom.
Jacket Color	Black
RoHS Compliant	--

**Nom. Attenuation**

MHz	dB/100ft
55	1.45
100	1.85
270	3.07
330	3.48
450	4.15
750	5.40
1000	6.30
1450	8.05
2000	9.15
3000	11.93

**Mechanical Properties:**

Max. Recommended Pull Tension	72 lbs.
Min. Bend Radius (Install)	2.5"

**Connectors:**

"F" Type Connector	CN-56ALM	(Crimp Tool): TL-111	(Stripping Tool): TL-120
Compression "F" Type	CN-CSF-6	(Comp. Tool): TL-SNSA	(Stripping Tool): TL-CSST

Specification Issue Date: 7/06

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