

# Technical Data Sheet

## RG59/U CCTV Coaxial Cable



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<b>PART NUMBER:</b>	<b>25815</b>
<b>DESCRIPTION:</b>	RG59/U 20 Awg. Solid Bare Copper, 95% Bare Copper Braid and Flexible Plenum jacket
<b>NEC RATING:</b>	CMP
<b>APPROVALS:</b>	(UL) C(UL) Listed or c(ETL)us Listed
<b>APPLICATION:</b>	Indoor within ducts, plenums, and other spaces used for environmental air for (CCTV, Security Applications)

### Construction Parameters:

Conductor	20 AWG Bare Copper
Stranding	Solid
Insulation Material	Foam FEP
Insulation Thickness	.138" Nom.
Shield	95% Bare Copper Braid
Jacket Material	Flexible Plenum
Overall Cable Diameter	0.207" Nom.
Approximate Cable Weight	31 Lbs/1M' Nom.
Flame Rating	NFPA 262 Flame Test

### Electrical & Environmental Properties:

Temperature Rating	-20°C To +60°C
Operating Voltage	300 VRMS
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.
Nom. Velocity of Propogation	82%
Nom. Impedance	75 Ohms
DC Resistance per Conductor @ 20deg C	10.1 Ohms/1M' Nom.
Jacket Color	Ivory
RoHS Compliant	--

### Nom. Attenuation

MHz	dB/100ft
1	.30
10	.68
50	1.80
100	2.52
400	5.30
700	7.24
1000	8.76

### Mechanical Properties:

Max. Recommended Pull Tension	52lbs
Min. Bend Radius (Install)	2.1"

### Connectors:

BNC Type Connector	CN-BM53-30	(Comp. Tool): TL-103	(Stripping Tool): TL-121
75 Ohms 3pc BNC	CN-BM73-30	(Comp. Tool): TL-104	(Stripping Tool): TL-121
Compression BNC Type	CN-BNCSNS-10	(Comp. Tool): TL-SNSA	(Stripping Tool): TL-SNSST
Compression RCA Type	CN-CSRCA-59	(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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