

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



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PART NUMBER:	25843
DESCRIPTION:	RG59/U 20 Awg. Bare Copper, Bifoil 100%+Aluminum Braid 65% with an overall Flexible Plenum PVC Jacket
NEC RATING:	CATVP - CL2P
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	Indoor within ducts, plenums, and other spaces used for environmental air for (CATV/MATV)

Construction Parameters:

Conductor	20 AWG Bare Copper
Stranding	Solid
Insulation Material	Gas Injected Polyethylene
Insulation Thickness	.138" Nom.
Number of Conductors	1 Center Conductor
Shield	100 % Bifoil + 80% Aluminum Braid
Jacket Material	Flexible Plenum
Overall Cable Diameter	0.210" Nom.
Approximate Cable Weight	18 Lbs/1M' Nom.
Flame Rating	NFPA 262 Flame Test

Electrical & Environmental Properties:

Temperature Rating	-20deg C to 60deg C	Nom. Attenuation	
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.	MHz	dB/100ft
Velocity of Propagation	82% Nom.	55	1.95
Impedance	75 ohms Nom.	100	2.50
Shield Effectiveness	95dB Nom.	400	5.30
DC Resistance per Conductor @ 20deg C	10.1 Ohms/1M' Nom.	700	7.40
Jacket Color	Black	1000	9.20
RoHS Compliant	--	1450	11.70
		2000	14.20
		3000	17.39

Mechanical Properties:

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

Connectors:

"F" Type Connector	CN-59TFE/WP	(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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