

# Technical Data Sheet - Plenum RG6/U Type CCTV Coaxial Cable



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<b>PART NUMBER:</b>	<b>25806</b>
<b>DESCRIPTION:</b>	RG6/U – 1 Conductor 18 AWG Solid, 95% Bare copper braid and an overall Flex Plenum Jacket.
<b>NEC RATING:</b>	CMP
<b>APPROVALS:</b>	(UL) Listed
<b>APPLICATION:</b>	Indoor Plenum Air for: Security Cable - CCTV

## Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	Foam FEP
Insulation Thickness	.170" Nom.
Number of Conductors	1 Center Conductor
Shield	95% Bare Copper Braid
Jacket Material	Flexible Plenum PVC
Overall Cable Diameter	0.236" Nom.
Approximate Cable Weight	26 Lbs/1M' Nom.
Flame Rating	UL NFPA 262

## Electrical & Environmental Properties:

		<u>Mhz</u>	<u>db/100ft</u>
Temperature Rating	-20deg C to 60deg C	1	.24
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.	10	.52
Velocity of Propagation	82% Nom.	50	1.18
Impedance	75 ohms Nom.	100	1.83
DC Resistance per Conductor @ 20deg C	6.5 Ohms/1M' Nom.	400	3.02
Jacket Color	Ivory	700	6.09
RoHS Compliant	Yes	1000	7.24

## Mechanical Properties:

Max. Recommended Pull Tension	39bs.
Min. Bend Radius (Install)	2.3

## Connectors and Accessories

75 ohm BNC Crimp	CN-BM73-4	Crimp Tool: TL-107	Strip Tool: TL-121
Compression BNC 75 ohm	CN-FS6BNCPL2	Comp. Tool: TL-SNSA	Strip Tool: TL-CSST

Specification Issue Date: 10/10

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