

Technical Data Sheet

RG6/U CCTV Coaxial Cable



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PART NUMBER:	25806
DESCRIPTION:	RG6/U 18 Awg. Solid Bare Copper, 95% Bare Copper Braid and Flexible Plenum Jacket
NEC RATING:	CMP
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	Indoor within ducts, plenums, and other spaces used for environmental air for (CCTV, Security Applications)

Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	Foam FEP
Insulation Thickness	.170" Nom.
Shield	95% Bare Copper Braid
Jacket Material	Flexible Plenum
Overall Cable Diameter	0.236" Nom.
Approximate Cable Weight	41 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	6.5 Ohms/1M' Nom.
Jacket Color	Ivory
RoHS Compliant	Yes

Nom. Attenuation

MHz	dB/100ft
1	.24
10	.52
50	1.18
100	1.93
400	4.45
700	6.09
1000	7.24

Mechanical Properties:

Max. Recommended Pull Tension	86 lbs
Min. Bend Radius (Install)	2.4"

Connectors:

75 Ohms 3pc. BNC	CN-BM73-4	(Crimp Tool): -----	(Stripping Tool): TL-121
Compression BNC Type	CN-BNCSNS	(Crimp Tool): TL-SNSA	(Stripping Tool): TL-SNSST

Specification Issue Date: 7/06

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