



**25841**

RG6/U 18AWG BC Type CATV Dual Shield Plenum

CATV/MATV DBS

**Construction & Dimensions**

CONSTRUCTION & DIMENSIONS		-
CONDUCTOR PARAMETER		-
• Number of Conductors		1
• AWG Size		18
• Conductor Stranding		Solid
• Conductor Type		Bare copper
• Nominal DCR		6.5 Ohm/1000ft
INSULATION PARAMETER		-
• Insulation Type		Foam FEP
• Insulation Thickness		0.17 in
SHIELDING PARAMETER		-
• Shield Type		Overall 100% Aluminum Foil
• Shield Type 2		Aluminum Braid
ELECTRICAL CHARACTERISTICS		-
• Nominal Impedance		75 Ohm
• Nom. Cap. Between Conductors		16.2 pF/ft

**Overall Construction**

OVERALL CONSTRUCTION PARAMETERS		-
Jacket Type		Flexible Plenum
Nominal Cable O.D.		0.237 in
Plenum		Yes
NEC UL Rating		CATVP, CMP
RoHS Compliant		Yes
Pull Tension		70 lbs
Bend Radius		2.37 in
Cable Weight		32 lbs

**Overall Electrical & Optical Characteristics**

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS		-
Nominal Velocity of Propagation (VP)		82 %
UL Flammability		NFPA 262 Plenum
Operating Range		-20 to 60 Deg C
UL Voltage Rating		300



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**Attenuation Performance**

FREQUENCY (MHz)	ATTENUATION (dB/100ft)
5 MHz	0.45 dB
55 MHz	1.6 dB
100 MHz	2 dB
270 MHz	2.9 dB
400 MHz	4.5 dB
540 MHz	4.9 dB
750 MHz	6.6 dB
1000 MHz	8 dB
1450 MHz	10.3 dB
2250 MHz	13.36 dB
3000 MHz	15.42 dB

**Related Products**

RELATED PRODUCTS	
Non Plenum Number	841
Aquaseal Number	AQC841
“F” Type Crimp	CN-F56TFE
“F” Type Compression	CN-F6MCV

**Part Numbers**

Part Numbers	
25841IV1000	Ivory Jacket   1000ft Wooden Reel
25841BK1000	Black Jacket   1000ft Wooden Reel