

Technical Data Sheet

CATV/MATV Cables (RG6/U)



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PART NUMBER:	Q841
DESCRIPTION:	RG6/U 18 Awg. Bare Copper, Quad-Shielded Construction with an overall PVC Jacket
NEC RATING:	CATV - CL2
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	Indoor for: (CATV/MATV)

Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	Gas Injected PE
Insulation Thickness	.180" Nom.
Number of Conductors	1 Center Conductor
Shield	100% Bifoil + 65 % Al. Braid + 100% Bifoil + 55% Aluminum Braid
Jacket Material	PVC
Overall Cable Diameter	0.283" Nom.
Approximate Cable Weight	35 Lbs/1M' Nom.
Flame Rating	UL 1685 Vertical Tray

Electrical & Environmental Properties:

		Nom. Attenuation	
Temperature Rating	-20deg C to 60deg C		
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.	MHz	dB/100ft
Velocity of Propagation	82% Nom.	55	1.45
Impedance	75 ohms Nom.	100	1.85
Shield Effectiveness	110dB Nom.	270	3.07
DC Resistance per Conductor @ 20deg C	6.5 Ohms/1M' Nom.	330	3.48
Jacket Color	Black, White	450	4.15
RoHS Compliant	--	750	5.40
		1000	6.30
		1450	8.05
		2000	9.15
		3000	11.93

Mechanical Properties:

Max. Recommended Pull Tension	102 lbs.
Min. Bend Radius (Install)	2.8"

Connectors:

"F" Type Connector	CN-56ALX	(Crimp Tool): TL-111	(Stripping Tool): TL-120
Compression "F" Type	CN-FSNSQS-6	(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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