

## Technical Data Sheet RG6/U Type CATV Coaxial Cable

324 Clark Street  
Worcester, MA 01606  
1.800.422.9961  
www.mohawk-cable.com



<b>PART NUMBER:</b>	<b>M71005</b>
<b>DESCRIPTION:</b>	RG6/U – 1 Conductor 18 AWG Solid, 100% Al. Foil + 61% Al. Braid and an overall PVC Jacket.
<b>NEC RATING:</b>	CATV
<b>APPROVALS:</b>	(UL) C(UL) Listed or c(ETL)us Listed
<b>APPLICATION:</b>	Indoor for: CATV/MATV

### Construction Parameters:

Conductor	18 AWG Copper Covered Steel
Stranding	Solid
Insulation Material	Gas Injected Polyethylene
Insulation Thickness	0.180" Nominal
Number of Conductors	1 Center Conductor
Shield	100% Al Foil + 61% Al. Braid (36 AWG)
Jacket Material	PVC
Overall Cable Diameter	0.265" Nominal
Cable Weight	35 lbs/1000 ft Nominal
Flame Rating	Article 725

### Electrical & Environmental Properties:

		<u>MHz</u>	<u>db/100ft</u>
Temperature Rating	-20°C to 60°C	5	.54
Max. Capacitance between Conductors @ 1 KHz	16.2 pF/ft Nominal	55	1.55
Velocity of Propagation	82% Nominal	100	1.90
Impedance	75 Ω Nominal	270	3.07
DC Resistance per Conductor @ 20°C	28 Ω/1000 ft Nominal	400	3.85
Jacket Color	Black, White also avail	550	4.62
RoHS Compliant	Yes	750	5.40
		1000	6.3
		1800	8.85
Max. Recommended Pulling Tension	126 lbs	2250	9.99
Min. Bend Radius (Install)	2.5"	3000	11.9

### Mechanical Properties:

### Connectors and Accessories

F Crimp:	CN-56ALM
F Compression:	CN-F6MCV

Specification Issue Date: 2/15/13 rev 01

Standard Lengths are 1000 ft.

Jacket is sequentially foot marked.

Information contained herein is considered proprietary and is not to be reproduced by any means without written consent of Mohawk. Mohawk reserves the right to change any specification in the interest of product enhancement.