



# PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1530 Shields Drive  
Waukegan, IL 60085  
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**PART NUMBER:** 92003  
**DESCRIPTION:** RG-6/U GAS INJECTED COAXIAL CABLE WITH 60% ALUMINUM BRAID AND SWEEP TO 3.0 GHZ  
**RATING:** ETL DUAL LISTED AS CM/CL2 AND CATV

### Construction Parameters:

		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	18 AWG (1/.040) Copper Clad Steel		0.040
Dielectric:	Foam Polyethylene color natural	0.070	0.180
Shielding:	Polyester/Aluminum Fusible Tape plus 60% Aluminum Braid		0.216
Jacket:	PVC	0.032	0.269

### Electrical Properties:

	<u>VALUE*</u>
Impedance (ohms):	75
Capacitance (pF/ft):	17
Velocity of Propagation (%):	81
Attenuation (db/100 ft):	
10 MHz	0.8
50 MHz	1.3
100 MHz	1.65
200 MHz	3.1
400 MHz	4.12
700 MHz	6.28
1000 MHz	6.48
1200 MHz	6.60
1500 MHz	9.30
2000 MHz	9.76
2200 MHz	9.79
2500 MHz	10.13
3000 MHz	14.61

### Cable Cross-section:

(NOT TO SCALE)



### Miscellaneous Information:

Jacket Color: Black or White  
Jacket Print: COLEMAN CABLE 92003 RG6 18 AWG CCS DUAL SHIELD 60% AL BRAID (ETL) 3020454 CM OR CL2 OR CATV 75C SUN RES SWEEP TO 3.0 GHZ  
(Sequentially footprinted)  
Applicable NEC Article: 725 and 820  
Flame Rating: UL-1581 Vertical Tray Flame Test  
Max. Temperature Rating: 75<sup>o</sup> C  
Approximate Weight (lb/1000 ft): 30

*This product complies with European Directive 2002/95/EC (RoHS)*

*On special orders the customer will accept all factory lengths and ± 10% of total order requested.*

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Company Name: \_\_\_\_\_

Customer Approval: \_\_\_\_\_

Date: \_\_\_\_\_

Issued: 09/20/2006

\* =Nominal value  
By: HCS