



# PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1530 Shields Drive  
Waukegan, IL 60085

**PART NUMBER:** 92083  
**DESCRIPTION:** RG-6/U GAS INJECTED COAXIAL CABLE WITH 60% ALUMINUM BRAID AND SWEPT TO 3.0 GHZ  
**RATING:** ETL DUAL LISTED AS CM, CL2, CATV AND CMG FT4

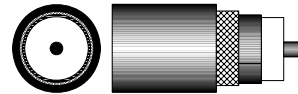
### Construction Parameters:

		Wall (in)*	OD (in)*
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:

	VALUE*
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, White, or Beige  
 Jacket Print: COLEMAN CABLE 92083 RG6 18 AWG CCS DUAL SHIELD 60% AL BRAID C(ETL)US  
 (Sequentially footprinted) 3020454 CM OR CL2 OR CATV CMG FT4 75C SUN RES SWEPT TO 3.0 GHZ  
 Applicable NEC Article: 725 and 820  
 Flame Rating: UL-1581 Vertical Tray Flame Test and FT4 Flame Test  
 Max. Temperature Rating: 75° 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.*

*The information presented here is, to the best of our knowledge, true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We reserve the right to review and modify all constructions to conform with the latest Regulatory requirement. We disclaim all liability in connection with the use of information contained herein or otherwise. This specification is propriety intellectual property of COLEMAN CABLE. Any information contained herein shall not be disclosed to any party without written consent of COLEMAN CABLE.*

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

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

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

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\* = Nominal value  
 By: PEM

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