



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
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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:

		<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, 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^o 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 $\pm 10\%$ of total order requested.

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Company Name: _____

Customer Approval: _____

Date: _____

Issued: 09/20/06

* = Nominal value
By: PEM

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