PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
Toll-Free (800) 323-9355
Fax: (847) 689-1192

PART NUMBER: 991047-xx-08

DESCRIPTION: RG-58 C/U COAXIAL CABLE

RATINGS: UL LISTED AS CL2X
UL RECOGNIZED COMPONENT AWM STYLE 1354

Construction Parameters:

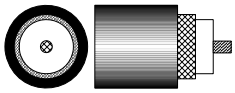
		Wall (in)*	OD (in)*
Conductors:	21 AWG (19/.007) Stranded Tinned Copper		0.035
Dielectric:	Solid Polyethylene color natural	0.041	0.116
Shielding:	95% Tinned Copper Braid		0.138
Jacket:	PVC (Non-Contaminating Type IIA)	0.029	0.195

Electrical Properties:

		VALUE*
Conductor Resistance (ohms/Kft)		11
Impedance (ohms):		50 ± 2
Capacitance (pF/ft):		30.8
Velocity of Propagation (%):		66 ± 1
Attenuation (Max db/100 ft):	50 MHz	3.3
	100 MHz	4.9
	200 MHz	7.3
	400 MHz	11.5
	900 MHz	20.0

Cable Cross-section:

(NOT TO SCALE)



Miscellaneous Information:

Jacket Color:	Black
Jacket Print:	COLEMAN CABLE RG 58 C/U 21 AWG TYPE CL2X 75 C (UL) E100316 OR AWM 1354
Applicable NEC Article:	725
Flame Rating:	UL-1581 VW-1 Vertical Flame Test
Max. Operating Temperature:	75° C
Max. Operating Volts:	1900 RMS
Approx. Weight (lb/1000 ft):	25

Company Name: _____

Customer Approval: _____ Date: _____

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.

Issued: 08/02/10

* = Nominal value
By: PEM