



# PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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**PART NUMBER:** 991075-xx-08  
**DESCRIPTION:** RG-214/U COAXIAL CABLE  
**RATING:** UL LISTED AS CL2X  
 UL RECOGNIZED COMPONENT AWM STYLE 1354

### Construction Parameters:

		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	12.7 AWG (7/.030) Stranded Silver Coated Copper		0.089
Dielectric:	Solid Polyethylene color natural	0.098	0.285
1 <sup>st</sup> Shielding:	96% Silver Coated Copper Braid		0.313
2 <sup>nd</sup> Shielding:	98% Silver Coated Copper Braid		0.341
Jacket:	PVC (Non-Contaminating Vinyl)	0.042	0.425

### Electrical Properties:

	<u>VALUE*</u>
Conductor Resistance (Max./100 ft)	0.17
Impedance (ohms):	50
Capacitance (pF/ft):	30.8
Velocity of Propagation (%):	66
Attenuation (Max. db/100 ft):	
50 MHz	1.6
100 MHz	2.2
200 MHz	3.2
500 MHz	4.7
900 MHz	8.8
1000 MHz	8.9
4000 MHz	21.5

### Cable Cross-section:

(NOT TO SCALE)



### Miscellaneous Information:

Jacket Color: Black  
 Jacket Print (Teal/Aqua): COLEMAN CABLE 991075 E100316-I RG 214/U 13 AWG TYPE CL2X 75 C  
 ASCENDING/DESCENDING FOOTAGE MARKING (UL) OR AWM STYLE 1354 WO# XXXXXX  
 Flame Rating: UL-1581 VW-1 Vertical Flame Test  
 Max. Temperature Rating: 75° C  
 Max. Operating Volts: 30 RMS  
 Approx. Weight (lb/1000 ft): 147

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.*

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Issued: 6/20/06

\* = Nominal value  
 By: PEP