



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
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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:

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

Electrical Properties:

	VALUE*
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): CCI 991075 E100316-I RG 214/U 13 AWG TYPE CL2X 75 C (UL) OR AWM
ASCENDING/DESCENDING STYLE 1354 WO# XXXXXX
FOOTAGE MARKING
Flame Rating: UL-1581 VW-1 Vertical Flame Test
Max. Temperature Rating: 75° C
Max. Operating Volts: 30 RMS
Approx. Weight (lb/1000 ft): 138

Company Name: _____

Customer Approval: _____

Date: _____

This product complies with European Directive 2011/65/EU (RoHS-2)

On special orders the customer will accept all factory lengths and $\pm 10\%$ of total order requested.

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* = Nominal value
By: PEP

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