



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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PART NUMBER: 92002-xx-08

DESCRIPTION: RG 62/U TYPE LOW LOSS COAXIAL CABLE WITH 95% BRAID

RATING: UL LISTED AS CL2
UL RECOGNIZED COMPONENT AWM STYLE 1478
IBM EQUIVALENT P/N 323921

Construction Parameters:

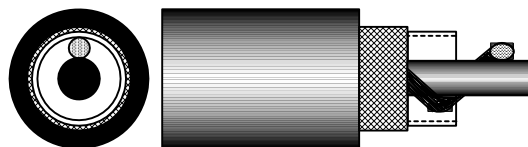
		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	22 AWG (1/.025) Solid Copper Clad Steel (40% Conductivity)		0.025
Assembly:	Solid 0.035 Polyethylene Monofilament wrapped in a helical application around the conductor	0.025	0.095
Insulation:	A tube of solid polyethylene applied over the conductor and Monofilament		0.144
Shielding:	95% Bare Copper Braid		0.174
Jacket:	PVC	0.034	0.242

Electrical Properties:

	<u>VALUE*</u>
Conductor Resistance (ohms/kft):	42
Impedance (ohms):	93
Capacitance (pF/ft):	13.5
Velocity of Propagation (%):	84
Attenuation (Max db/100 ft):	
50 MHz	1.9
100 MHz	2.7
200 MHz	3.8
400 MHz	5.4
900 MHz	8.3

Cable Cross-section:

(NOT TO SCALE)



Miscellaneous Information:

Jacket Color:	Black
Applicable NEC Article:	725
Flame Rating:	UL-1581 Vertical Tray Flame Test
Maximum Temperature Rating:	75 ° C
Max. Operating Volts:	30 RMS
Jacket Print(Blue):	RG 62A/U TYPE CL2 22 AWG 75 C (ETL) OR AWM STYLE 1478
ASCENDING/DESCENDING	E100316-I P/N 323921 W0 #XXXXXX
FOOTAGE MARKING	
Approximate Weight (lb/1000 ft):	30

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: 11/22/05

* = Nominal value
By: PEP

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