PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
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PART NUMBER: 991007-xx-08

DESCRIPTION: RG 8/U TYPE LOW LOSS COAXIAL CABLE WITH 88% BRAID

Construction Parameters:

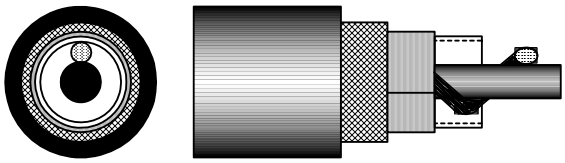
		Wall (in)*	OD (in)*
Conductors:	9.5 AWG (1/.108) Solid Bare Copper		0.108
Assembly:	Solid 0.055 Polyethylene Monofilament wrapped in a helical application around the conductor		0.218
Insulation:	A tube of solid polyethylene applied over the conductor and Monofilament	0.034	0.285
Shielding:	Fused Aluminum/Polyethylene/Aluminum tape with 88% Tinned Copper Coated Braid		0.316
Jacket:	PVC	0.045	0.405

Electrical Properties:

		VALUE*
Conductor Resistance (ohms/kft):		0.9
Impedance (ohms):		50
Capacitance (pF/ft):		24
Velocity of Propagation (%):		84
Attenuation (Max db/100 ft):	50 MHz	0.9
	100 MHz	1.4
	200 MHz	1.8
	400 MHz	2.6
	700 MHz	3.6
	900 MHz	4.2
	1000 MHz	4.5
	4000 MHz	11.0

Cable Cross-section:

(NOT TO SCALE)



Miscellaneous Information:

Jacket Color:	Black
Jacket Print(White):	CCI 50 OHM LOW LOSS COAXIAL CABLE
Approximate Weight (lb/1000 ft):	103

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.

Company Name: _____

Customer Approval: _____ Date: _____

Issued: 5/15/06

* = Nominal value
By: PEP