



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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

PART NUMBER: 993251-xx-08

DESCRIPTION: COMBO RG-59 COAXIAL PLUS 2C/22AWG IN SIAMESE LAY-UP

RATING: UL LISTED AS CL2

Construction Parameters:

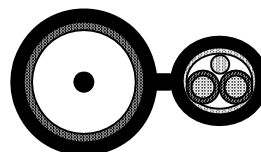
		OD (in)*
<u>Part 1:</u>	Conductor: 22 AWG (7/.010) Stranded Bare Copper	0.030
	Dielectric: Foam Polyethylene	0.146
	Shielding: 95% Copper Braid	0.168
<u>Part 2:</u>	Conductor: 22 AWG (7/.010) Tinned Copper	0.030
	Dielectric: PVC	0.050
	Twist: 2 Conductors (1 Black & 1 Red) twisted as Pair	0.100
	Shielding: 22 AWG (7/30) Tinned Copper Drain wire added and then wrapped over all using Polyester/ Foil with Aluminum in.	0.115
<u>Final:</u>	Jacket: Part 1 and Part 2 Jacketed with PVC utilizing a web	Appx. 0.242 x 0.460

Electrical Properties:

<u>Coax:</u>	VALUE*
Impedance (ohms):	75
Capacitance (pF/ft):	17.3
Velocity of Propagation (%):	78
Attenuation** (db/100 ft):	
50 MHz	2.1
100 MHz	3.4
200 MHz	4.8
400 MHz	6.9
900 MHz	10.2
1000 MHz	11.0
<u>Twisted pair:</u>	
Capacitance of pair(pf/ft @ 1 khz)	47

Cable Cross-section:

(NOT TO SCALE)



Miscellaneous Information:

Jacket Color: Black
Jacket Print (White): CCI 993251 TV CAMERA CCTV 22 AWG TYPE CL2 60C (UL) E100316
-- XX/XX/XX (MONTH/DAY/YEAR) XXXXXX (W/O #)
Flame rating: UL-1581 Vertical Tray Flame Test
Temperature Rating: 75° C
Applicable NEC Article: 725
Approximate Weight (lb/1000 ft): 48

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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By: PEP