![CCI logo]

PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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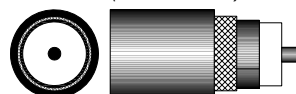|	
PART NUMBER:	99501-45-xx
DESCRIPTION:	RG-59/U COAXIAL CABLE WITH 100% BONDED FOIL SHIELD AND 95% TINNED COPPER BRAID
RATING:	ETL LISTED AS CL2

Construction Parameters:

		Wall (in)*	OD (in)*
Conductors:	20 AWG (1/.032) Solid Bare Copper		0.032
Dielectric:	Foam Polyethylene color natural	0.057	0.145
Shielding:	Aluminum/Polyester/Aluminum Fusible Tape plus 95% Tinned Copper Braid		0.171
Jacket:	PVC	0.034	0.242

Electrical Properties:

		VALUE*
Impedance (ohms):		75
Capacitance (pF/ft):		17.5
Velocity of Propagation (%):		78
Attenuation** (db/100 ft):	5 MHz	1.1
	7 MHz	1.2
	10 MHz	1.4
	68 MHz	3.1
	72 MHz	3.2
	89 MHz	3.3
	100 MHz	3.5
	135 MHz	4.20
	143 MHz	4.30
	180 MHz	4.70
	270 MHz	5.60
	360 MHz	6.70
	540 MHz	8.30
	720 MHz	10.10
	750 MHz	10.30
	1000 MHz	11.50
	1500 MHz	14.30
	2000 MHz	16.60
	2250 MHz	17.50
	3000 MHz	20.50

Cable Cross-section:
(NOT TO SCALE)

Miscellaneous Information:

Jacket Color:	White
Jacket Print (Surface Ink): (Sequentially footprinted)	CCI 99501 SERIAL DIGITAL COAXIAL CABLE --- 3020454 RG-59/U DIGITAL 20AWG 60C (ETL) TYPE CM OR CL2 SWEPT TO 3.0GHZ HDTV
Flame Rating:	UL-1581 Vertical Tray Flame Test
Max. Operating Temperature:	60° C
Applicable NEC Article:	725
Approx. Weight (lb/1000 ft):	37
Packaging	500ft Pull-box

This product complies with European Directive 2011/65/EU (RoHS-2)
On special orders the customer will accept all factory lengths and ± 10% of total order requested.

Company Name: _____

Customer Approval: _____   Date: _____

* = Nominal value
By: PEM