



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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PART NUMBER: 99601-45-xx
DESCRIPTION: RG-6/U TYPE COAXIAL CABLE WITH FOIL SHIELD AND 95% TINNED COPPER BRAID
RATING: ETL LISTED AS CL2

Construction Parameters:

		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	18 AWG (1/.040) Solid Bare Copper		0.040
Dielectric:	Foam Polyethylene color natural	0.070	0.180
Shielding:	Fusible Aluminum/Polyester/Aluminum Tape plus 95% Tinned Copper Braid		0.206
Jacket:	PVC	0.033	0.272

Electrical Properties:

	<u>VALUE*</u>
Conductor Resistance (ohms/kft):	6.2
Impedance (ohms):	75
Capacitance (pF/ft):	17.3
Velocity of Propagation (%):	78
<i>Attenuation** (db/100 ft):</i>	
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:



Miscellaneous Information:

Jacket Color: White
Jacket Print (Surface Ink): CCI 99601 SERIAL DIGITAL COAXIAL CABLE --- 3020454 RG-6/U
(Sequentially footprinted) DIGITAL 18AWG 60C (ETL) TYPE CM OR CL2 SWEPT TO 3.0GHZ HDTV
Applicable NEC Article: 725
Flame Rating: UL-1581 Vertical Tray Flame Test
Temperature Rating: 60° C
Approx. Weight (lb/1000 ft): 40
Packaging: 500ft Reel in a Box

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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Company Name: _____

Customer Approval: _____

Date: _____

Issued: 1/18/13

* = Nominal value
By: PEM