



PRODUCT DATA SHEET

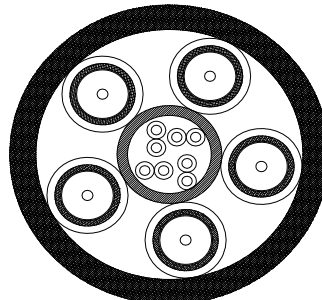
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PART NUMBER: 99415
DESCRIPTION: RG59 MINI DIGITAL COAX CABLE X 5 & CAT5E X 1 CM/CL3 CABLE
CONSTRUCTION: This cable consists of five RG59 Mini Coax Cables and one CAT5E 24/4Pair, cabled together with fillers, under an overall PVC jacket.
APPROVALS: ETL Listed As CM/CL3
APPLICATION: DIGITAL COMMUNICATION & POWER LIMITED CABLE APPLICATIONS

Construction Parameters:

Conductor	23 AWG Bare Copper
Stranding	Solid
Dielectric	Foam Polyethylene
Dielectric Thickness	0.039" Nom.
Shielding/Braid	Aluminum/Mylar - 95% TC Braid
Jacket Material	PVC
RG59 Jacket Thickness	0.016" Nom.
Overall RG59 Cable Diameter	0.159" Nom.
Conductor	24 AWG Bare Copper
Stranding	Solid
Dielectric	Solid PE
Dielectric Thickness	0.008" Nom.
Conductor Diameter	0.036" Nom.
Pair Lay Length	Different length for cross-talk prevention
Jacket Material	PVC
Jacket Thickness	0.016" Nom.
Overall CAT5e Diameter	0.185" Nom.
Number of Mini RG59's	5
Number of CAT5e's	1
Lay Length	4.50" Nom.
Filler Type	Polypropylene
Separator/Wrap	Paper Tissue
Overall Jacket Material	PVC
Overall Jacket Thickness	0.050" Nom.
Overall Cable Diameter	0.604" Nom.
Approximate Cable Weight	152.1 Lbs/1M' Nom.
Flame Rating	UL 1581 Vertical Tray Flame Test



Electrical Properties:

RG59		CAT5e
Temperature Rating	-20°C to 75°C	Temperature Rating
Operating Voltage	30 V RMS Max.	Operating Voltage
DC Resistance per Conductor @ 20°C	26.42 Ohms/1M' Nom.	DC Resistance Max.
Impedance (ohms)	75	DC Resistance Unbalance Max. %
Capacitance (pF/ft)	17.42	Characteristic Impedance (Ohms)
Velocity of Propagation (%)	75	Velocity of Propagation (%)
Attenuation (Nom. db/100 ft)	5 MHz 1.1	Pair-to-Ground Cap. Unbal.
	7 MHz 1.2	Attenuation (Nom. db/100 ft)
	10 MHz 1.4	
	68 MHz 3.1	SRL Minimum (db)
	72 MHz 3.2	Loss Min. (db)
	89 MHz 3.3	Crosstalk
	100 MHz 3.5	NEXT (Nom. db/100m)
	135 MHz 4.20	PSNEXT (Nom. db/100m)
	143 MHz 4.30	ELFEXT
	180 MHz 4.70	PSELFEXT (Nom. db/100m)
	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	

Overall Cable Temperature Rating -20°C to 60°C

RG59 Jacket Colors	Red White Yellow Blue Green
CAT5e Jacket Color	Blue
Overall Jacket Color	Black
Legend (Surface Ink Print)	CCI 99415 23 AWG 5/C MINI RG59 DIGITAL COAX CABLE & CAT5E 24/4PR (ETL) (ETL CODE) TYPE CM/CL3 SWEPT TO 3.0GHZ

This product complies with European Directive 2011/65/EU (RoHS-2)

Connector reference: Kings Electronics 75 Ohm BNC 2065-11-9

The customer will accept all factory lengths and +/- 10 percent of total order requested.

Cable has a rip cord for easy jacket removal. The jacket is sequentially footmarked.

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Customer Name _____ Date Signed _____

Customer Approval _____

Specification Issue Date: March 5, 2013