



Description:

14 AWG solid .064" bare copper conductor, gas-injected foam HDPE insulation, Duofoil® + tinned copper braid shield (60% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	14	Solid	BC - Bare Copper	.064

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
Gas-injected FHDPE - Foam High Density Polyethylene	.280

Outer Shield

Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100
2		Braid	TC - Tinned Copper	60

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cabling

Overall Nominal Diameter: 0.405 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +80°C

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 81 lbs/1000 ft.

Max. Recommended Pulling Tension: 98 lbs.

Min. Bend Radius (Install)/Minor Axis: 4.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes
 RG Type: 11/U

Suitability

Suitability - Indoor: Yes
 Suitability - Outdoor: Yes

Plenum/Non-Plenum

Plenum (Y/N): No
 Plenum Number: 89292

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

75

Nom. Inductance:

Inductance (µH/ft)

.097

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

16.1

Nominal Velocity of Propagation:

VP (%)

84

Nominal Delay:

Delay (ns/ft)

1.2

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.6

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

3

Nom. Attenuation:

Freq. (MHz) Attenuation (dB/100 ft.)

1	.2
10	.5
50	.9
100	1.3
200	1.6
400	2.3
700	3.3
900	4.0
1000	4.3

Max. Operating Voltage - Non-UL:

Voltage

300 V RMS

Typical Structural Return Loss:

Description Freq. (MHz) Start Freq. (MHz) Stop Freq. (MHz) Typical SRL (dB)

		5	450	23
--	--	---	-----	----

Notes (Overall)

Notes: 100% Sweep tested 5 MHz to 450 MHz.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9292 0101000	1,000 FT	75.000 LB	BLACK	C	SERIES 11 75 OHM COAX.

Notes:

C = CRATE REEL PUT-UP.

Standard Analog Video Cable

RG-6/U and RG-11/U Types



Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

RG-6/U • 18 AWG Stranded (7x26) .048" Tinned Copper Conductor • Bare Copper Braid Shield (97% Coverage)

Flame-retardant Semi-foam Polyethylene Insulation • Black PVC Jacket																			
80°C	8238	NEC: CM	500	152.4	59.0	26.8	18 AWG (7x26)	.285	7.24	BC Braid 97% Shield	.405	10.29	75	67%	20.5	67.2	1	.2	.6
		CEC: CM	1000	304.8	117.0	53.1	.048"			Coverage							10	.7	2.2
							TC			1.2Ω/M'							50	1.3	4.3
							6.1Ω/M'			3.9Ω/km							100	2.0	6.6
							20.0Ω/km										200	2.9	9.5
																	400	4.2	13.8
																	700	5.8	19.0
																	900	6.8	22.3
																	1000	7.1	23.3

Suitable for Indoor and Outdoor applications.

Polyethylene Insulation • Black PVC Jacket

60°C	8261	CEC:	500	152.4	52.5	23.9	18 AWG (7x26)	.285	7.24	BC Braid 97% Shield	.405	10.29	75	66%	20.5	67.2	1	.2	.6
VW-1		CXC	1000	304.8	104.0	47.3	.048"			Coverage							10	.7	2.2
							TC			1.2Ω/M'							50	1.3	4.3
							6.1Ω/M'			3.9Ω/km							100	2.0	6.6
							20.0Ω/km										200	2.9	9.5
																	400	4.2	13.8
																	700	5.8	19.0
																	900	6.8	22.3
																	1000	7.1	23.3

Suitable for Indoor and Outdoor applications.

Composite • Coax: 18 AWG Solid BC Cond. w/BC Braid Shield (95% Coverage) • **Power: 18 AWG** Stranded (7x26) BC Conductor UTP

Foam Polyethylene Insulation (Coax) • Polypropylene Insulation (Pair) • Black Low-Smoke, Zero-Halogen Jacket																			
Siamese	1306SB	NEC:	500	152.4	37.0	16.8	18 AWG (solid)	.180	4.57	Coax: 95% BC	.275	6.99	75	83%	16.3	53.5	1	.2	.7
300V RMS	new	CMG-LS	1000	304.8	76.0	34.5	.040"			Braid	.514	13.06					10	.6	2.1
		CMG-LS					Pair: BC			3.1Ω/M'							50	1.5	4.8
		FT4					6.4Ω/M'	.059	1.59	10.2Ω/km							100	2.1	6.9
		Limited Smoke					21.0Ω/km	(Color Code: Black & Red)									200	3.0	9.8
																	400	4.3	14.1
																	700	5.8	19.0
																	900	6.7	22.0
																	1000	7.1	23.3

RG-11/U • 14 AWG Solid .064" Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (60% Coverage)

Gas-injected Foam HDPE Insulation • Black PVC Jacket																			
80°C	9292	—	1000	304.8	75.0	34.0	14 AWG (solid)	.280	7.11	Duofoil + 60% TC	.405	10.29	75	84%	16.1	52.8	1	.2	.6
							.064"			Braid							10	.5	1.6
							BC			3.0Ω/M'							50	.9	3.0
							2.6Ω/M'			9.8Ω/km							100	1.3	4.3
							8.5Ω/km										200	1.6	5.3
																	400	2.3	7.6
																	700	3.3	10.8
																	900	4.0	13.1
																	1000	4.3	14.1

Suitable for Indoor and Outdoor applications.

RG-11/U • 14 AWG Solid .064" Bare Copper Conductor • Duofoil (100% Coverage) + Tinned Copper Braid Shield (63% Coverage)

Plenum • Foam FEP Insulation • Black FEP Jacket																			
200°C	89292	NEC:	500	152.4	40.5	18.4	14 AWG (solid)	.274	6.96	Duofoil + 63% TC	.346	8.79	75	83%	16.2	53.1	1	.2	.5
		CMP	1000	304.8	81.0	36.7	.064"			Braid							10	.4	1.3
		CATVP					BC			3.0Ω/M'							50	1.0	3.3
		CEC: CMP FT6					2.5Ω/M'			9.8Ω/km							100	1.5	4.9
							8.2Ω/km										200	2.2	7.2
																	400	3.3	10.8
																	700	4.5	14.8
																	900	5.2	17.1
																	1000	5.5	18.0

RG-11/U • 14 AWG Solid .064" Bare Copper Conductor • Bare Copper Braid Shield (97% Coverage)

Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket																			
80°C	8213	—	500	152.4	44.0	20.0	14 AWG (solid)	.285	7.24	BC Braid 97% Shield	.405	10.29	75	84%	16.1	52.8	1	.2	.6
			1000	304.8	87.0	39.5	.064"			Coverage							10	.4	1.1
			2000	609.6	172.0	78.2	BC			1.1Ω/M'							50	.9	3.0
							2.6Ω/M'			3.6Ω/km							100	1.3	4.3
							8.5Ω/km										200	1.9	6.2
																	400	2.9	9.5
																	700	4.1	13.5
																	900	4.8	15.7
																	1000	5.2	17.1

Suitable for Indoor and Outdoor applications.

BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • HDPE = High-density Polyethylene • TC = Tinned Copper

