



Product: [DA7732A](#)

DAS RG11 Coax, 14 AWG CMP

Product Description

Distributed Antenna System RG11 14 AWG solid bare copper conductor, foam FEP core, Duobond®, tinned copper braid (95% coverage), fluorocopolymer CMP jacket.

Technical Specifications

Product Overview

Environmental Space:	Indoor - Plenum
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
14	Solid	BC - Bare Copper	0.064 in	1

Insulation

Material	Nominal Diameter
FFEP - Foam Fluorinated Ethylene Propylene	0.274 in

Outer Shield Material

Type	Layer	Material	Material Trade Name	Coverage [%]
Tape	1	Aluminum/Polyester/Aluminum	Duobond®	100 %
Braid	2	TC - Tinned Copper		95 %

Outer Jacket Material

Material	Nominal Diameter
PVDF - Fluorocopolymer	0.348 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Outer Conductor DCR
2.5 Ohm/1000ft	1.36 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Shield
16.3 pF/ft

Inductance

Nominal Inductance
0.091 µH/ft

Impedance

Nominal Characteristic Impedance
75 Ohm

Return Loss (RL)

Frequency [MHz]	Minimum Return (RL)
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5-1000 MHz	20 dB
1000-3000 MHz	15 dB

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.22 ns/ft	83 %

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Operating Temp Range:	-20°C To +125°C
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Mechanical Characteristics

Bulk Cable Weight:	83 lbs/1000ft
Max Recommended Pulling Tension:	145 lbs
Min Bend Radius/Minor Axis:	3.5 in

Standards

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
RG Type:	11/U Type

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262
CSA Flammability:	FT6
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Part Number

Non-Plenum Number:	7731A
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Variants

Item #	Color	UPC	Length	Footnote
DA7732A 0101000	Black	612825285335	1,000 ft	
DA7732A 0103000	Black	612825285342	3,000 ft	C
DA7732A 0104000	Black	612825285359	4,000 ft	C
DA7732A 8771000	Natural	612825285366	1,000 ft	
DA7732A 8773000	Natural	612825285373	3,000 ft	C
DA7732A 8774000	Natural	612825285380	4,000 ft	C
Footnote:			C - CRATE REEL PUT-UP.	

History

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