



Kingfisher Company, inc.

RG-213 Antenna Cable



Description:

A 8267 COAX 50 Ohm Cable with 13 AWG stranded (7x21) .089" bare copper conductor, polyethylene insulation, bare copper braid shield (97% coverage), non-contaminating PVC jacket.

Physical Characteristics:

Conductor:	13 AWG, 7x21 Stranding, Bare Copper, .089" Dia.
Insulation:	Polyethylene, .285" Dia.
Outer Shield:	Braid, Bare Copper, 96% Coverage
Outer Jacket:	Polyvinyl Chloride, Non-Contaminating
Overall Cabling:	.405" Dia.

Mechanical Characteristics:

Operating Temperature Range:	-40C° to 80C°
UL Temperature Rating:	60C° (UL AWM Style 1354)
Bulk Cable Weight:	104lbs/1000 ft.
Max. Recommended Pulling Tension:	184 lbs.
Min. Bend Radius (Install)/Minor Axis:	5 in.

Applicable Specifications and Agency Compliance (Overall):

NEC/(UL) Specification:	CMX
CEC/C(UL) Specification:	CMX
AWM Specification:	UL Style 1354 (30V 60°C)
EU CE Mark:	No
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date:	10/01/2005
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
Military Specification:	MIL-DTL-17H, M17/74-00001
RG Type:	213/U
Flame Test:	VW-1
Plenum (Y/N):	No

Electrical Characteristics:

Nom. Characteristic Impedance:	50 Ohms
Nom. Inductance:	.077 microHenries/ft
Nom. Capacitance Conductor to Shield:	30.8 pF/ft
Nominal Velocity of Propagation:	66% VP
Nominal Delay:	1.54 ns/ft
Nom. Conductor DC Resistance:	1.7 DCR @ 20°C Ohm/1000 ft
Nominal Outer Shield DC Resistance:	1.2 DCR @ 20°C Ohm/1000 ft
Max. Operating Voltage—UL:	30V RMS—UL AWM Style 1354 300V RMS—NES

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.27
10	.55
50	1.3
100	1.9
200	2.7
400	4.1
700	6.5
900	7.6
1000	8.0
4000	21.5

Freq. (MHz)	Rating (W)
1	7950
10	2761
50	112
100	748
200	494
400	326
700	235
900	205
1000	194
4000	110

ORDERING INFORMATION

KCi #	Model #	Description
27126	RG-213	RG-213 Cable
22178	RA-CVHF	Connector UHF Male PL-259 Solder Type Connector for use with 27126 Cable
75092		Kingfisher Antenna Installation Manual. All Kingfisher antenna installations shall comply with this manual
27126-DTS		Specification Data Sheet

Kingfisher Company, inc., products must be used within their published specifications and must be PROPERLY specified, applied, installed, operated, maintained and operationally tested in accordance with their installation instructions at the time of installation and at least twice a year or more often and in accordance with local, state and federal codes, regulations and laws. Specification, application, installation, operation, maintenance and testing must be performed by qualified personnel for proper operation in accordance with all of the latest National Fire Protection Association (NFPA), Underwriters' Laboratories (UL), National Electrical Code (NEC), Occupational Safety and Health Administration (OSHA), local, state, county, province, district, federal and other applicable building and fire standards, guidelines, regulations, laws and codes including, but not limited to, all appendices and amendments and the requirements of the local authority having jurisdiction (AHJ).

NOTE: Due to continuous development of our products, specifications and offerings are subject to change without notice in accordance with Kingfisher Company, inc., standard terms and conditions

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