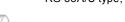
8240

Coax - RG-58A/U Type



RG-58A/U type, 20 AWG solid .033" bare copper conductor, polyethylene insulation, tinned copper braid shield (95% coverage), PVC jacket. For more Information

1-800-Belden1



Put Ups and Colors:

Item ##	Putup	Ship Weight	Color	Notes	Item Desc
8240 010U1000	1,000 FT	27.000 LB	BLACK		#20 PE BRD FRPVC
8240 010U500	500 FT	14.000 LB	BLACK		#20 PE BRD FRPVC
8240 010100	100 FT	3.300 LB	BLACK		#20 PE BRD FRPVC
8240 0101000	1,000 FT	27.000 LB	BLACK	С	#20 PE BRD FRPVC
8240 010500	500 FT	14.500 LB	BLACK	С	#20 PE BRD FRPVC
8240 0105000	5,000 FT	135.000 LB	BLACK	С	#20 PE BRD FRPVC

Notes:

C = CRATE REEL PUT-UP.

Physical Characteristics (Overall)

Conductor

AWG:

# Co	oax /	AWG	Stranding	Conductor Material	Dia. (in.)
1		20	Solid	BC - Bare Copper	.033

Total Number of Conductors:

1

Insulation

Insulation Material:

Insulation Material Dia. (in.) PE - Polyethylene .116 **Outer Shield Outer Shield Material:** Type Outer Shield Material Coverage (%) Braid TC - Tinned Copper 95 **Outer Jacket** Outer Jacket Material: **Outer Jacket Material** PVC - Polyvinyl Chloride **Overall Cable Overall Nominal Diameter:** 0.193 in. **Mechanical Characteristics (Overall) Operating Temperature Range:** -40°C To +75°C 80°C (UL AWM Style 1354) **UL Temperature Rating: Bulk Cable Weight:** 26 lbs/1000 ft. Max. Recommended Pulling Tension: 47 lbs. Min. Bend Radius/Minor Axis: 2 in. **Applicable Specifications and Agency Compliance (Overall) Applicable Standards & Environmental Programs NEC/(UL) Specification:** CMX CEC/C(UL) Specification: CMX UL Style 1354 **AWM Specification:** EU Directive 2011/65/EU (ROHS II): Yes **EU CE Mark:** No 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: 58/U Flame Test VW-1 **UL Flame Test:** Suitability Suitability - Indoor: Yes

Plenum/Non-Plenum Plenum (Y/N): Plenum Number: **Electrical Characteristics (Overall)** Nom. Characteristic Impedance: Impedance (Ohm) 52 Nom. Inductance: Inductance (µH/ft) 0.080 Nom. Capacitance Conductor to Shield: Capacitance (pF/ft) 28.5 Nominal Velocity of Propagation: VP (%) 66 Nominal Delay: Delay (ns/ft) 1.54 Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 10.0 Nominal Outer Shield DC Resistance: DCR @ 20°C (Ohm/1000 ft) 4.1 Nom. Attenuation:

No

88240, 82240

Freq. (MHz)	Attenuation (dB/100 ft.)				
1	0.3				
10	1.1				
50	2.5				
100	3.8				
200	5.6				
400	8.4				
700	11.7				
900	13.7				
1000	14.5				

Max. Power Rating:

Freq. (MHz)	Rating (W)
50	530
100	350
400	160
1000	90

Max. Operating Voltage - UL:

Voltage

300 V RMS (CMX) 30 V RMS (UL AWM Style 1354)

Max. Operating Voltage - Non-UL:

Voltage

1400 V RMS

Other Electrical Characteristic 1:

Actual Impedance specification is 51.5 +/- 1.5 ohms.

Close

Revision Number: 1 Revision Date: 07-29-2013

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