



Part Number: 1033A

300V, (1 pr) 20 AWG (7x28) BC, PVC/PVC, Foil Shld, PLTC-ER, CMG

Product Description

One 20 AWG pair stranded (7x28) bare copper conductors, twisted pairs, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

Product Specifications

AG.Filter Attributes

Total Number of Conductors:	2
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Cabling1

Lay Direction@Cabling1:	Left Hand
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CCB-Sub-Part Number

Print Legend:	LEGEND: BELDEN 1033A E34972 1PR20 SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES OR AVMM 2464 80C 300V OR C(UL) CMG —FT4 IEEE 1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET
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Technical Specifications

AG_0401

UL Flammability:	UL1685 FT4 Loading
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APAC Standard

MII Order #39 (China RoHS):	Yes
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Applicable Patents

Patent:	http://www.belden.com/p
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Bend Radius

Min Bend Radius/Minor Axis:	2.1 in
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CCB-Sub-Part Number

Plenum (Y/N):	No
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Contact Information

PHONE_NUM:	1-800-Belden1
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EU Directive

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CMG
NEC/(UL) Specification:	CMG, ITC, PLTC
UL AWM Style:	UL Style 2464 (300 V 80°C)

Safety

IEEE Flammability:	1202
C(UL) Flammability:	FT4

Use

Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	16 lbs
Suitability - Indoor:	Yes

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
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9.5 Ohm/1000ft	38 Ohm/1000ft
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Color Chart 1:

Number	Color
1	Black & White

Voltage:

UL Voltage Rating
300 V RMS (PLTC V
CMG)
150 V RMS (ITC)

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
30 pF/ft	55 pF/ft

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.015 in

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.21 in	0.037 in	Yes

Conductor:

AWG	Stranding	Material	No. of Pairs
20	7x28	BC - Bare Copper	1

Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	22	7x30 mm

Product Variants

Part Number	Color	Put-Up Type	Length
1033A			
1033A	BLACK	Reel	3048 m
1033A 01010000	BLACK	Reel	10000 ft
1033A			
1033A	BLACK	Reel	305 m
1033A 0101000	BLACK	Reel	1000 ft
1033A			

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.