



**Part Number:** 3067A

300V, (36 triad) 20 AWG (7x28) BC, (1) 20 AWG (7x28) BC,  
PVC/PVC, Foil Shld, PLTC-ER, CMG

## Product Description

Thirty-six 20 AWG triads stranded (7x28) bare copper conductors, twisted triads, PVC insulation, individually shielded plus an overall Beldfoil® shield (100% coverage), PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors	No. of Triads
20	7x28	BC - Bare Copper	1	36
22	7x30	BC - Bare Copper		
<b>Total Number of Conductors:</b>			73	

#### Insulation:

Material
PVC - Polyvinyl Chloride

#### Color Chart 1:

Color
Orange
Black & White & Red and Numbered 31
Black & White & Red and Numbered 32
Black & White & Red and Numbered 33
Black & White & Red and Numbered 34
Black & White & Red and Numbered 35
Black & White & Red and Numbered 36

**Color Chart 2:**

Number	Number
1	Black & White & Red and Numbered 1
2	Black & White & Red and Numbered 2
3	Black & White & Red and Numbered 3
4	Black & White & Red and Numbered 4
5	Black & White & Red and Numbered 5
6	Black & White & Red and Numbered 6
7	Black & White & Red and Numbered 7
8	Black & White & Red and Numbered 8
9	Black & White & Red and Numbered 9
10	Black & White & Red and Numbered 10
11	Black & White & Red and Numbered 11
12	Black & White & Red and Numbered 12
13	Black & White & Red and Numbered 13
14	Black & White & Red and Numbered 14
15	Black & White & Red and Numbered 15
16	Black & White & Red and Numbered 16
17	Black & White & Red and Numbered 17
18	Black & White & Red and Numbered 18
19	Black & White & Red and Numbered 19
20	Black & White & Red and Numbered 20
21	Black & White & Red and Numbered 21
22	Black & White & Red and Numbered 22
23	Black & White & Red and Numbered 23
24	Black & White & Red and Numbered 24
25	Black & White & Red and Numbered 25
26	Black & White & Red and Numbered 26
27	Black & White & Red and Numbered 27
28	Black & White & Red and Numbered 38
29	Black & White & Red and Numbered 29
30	Black & White & Red and Numbered 30

**Innershield:**

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

**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	20	7x28 mm

**Outerjacket 1:**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	1.292 in	0.074 in	Yes

<b>Print Legend:</b>	LEGEND: BELDEN 3067A E34972 36TRD20 1C22 SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(UL) CMG ----FT4 IEEE 1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET
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**Electrical Characteristics****Conductor DCR:**

Nominal Conductor DCR	Nominal Outer Shield DCR
9.5 Ohm/1000ft	13 Ohm/1000ft

**Capacitance:**

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

**Current:**

Max. Recommended Current [A]
3 Amps per conductor @ 25°C

**Inductance:**

Nominal Inductance
0.19 µH/ft

**Voltage:**

UL Voltage Rating
300 V RMS

**Use**

Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	1875 lbs

## Safety

C(UL) Flammability:	FT4
ICEA Flammability:	T-29-520
IEEE Flammability:	1202
UL Flammability:	UL1685 FT4 Loading

## Temperature Range

Operating Temp Range:	-30°C To +105°C
UL Temp Rating:	105°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	13 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CEC/C(UL) Specification:	CEC/C(UL) Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

## History

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