



**Part Number:** 1058A

300V, (12 pr) 20 AWG (7x28) BC, (1) 22 AWG (7x30) BC,  
PVC/PVC, Foil Shld, PLTC-ER, CMG

## Product Description

Twelve 20 AWG pairs stranded (7x28) bare copper conductors plus one 22 AWG stranded (7x30) bare copper conductor, twisted pairs, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors	No. of Pairs
20	7x28	BC - Bare Copper		12
22	7x30	BC - Bare Copper	1	
<b>Total Number of Conductors:</b>			25	

#### Insulation:

Material
PVC - Polyvinyl Chloride

#### Color Chart 1:

Number	Color
1	Black & White and Numbered 1
2	Black & White and Numbered 2
3	Black & White and Numbered 3
4	Black & White and Numbered 4
5	Black & White and Numbered 5
6	Black & White and Numbered 6
7	Black & White and Numbered 7
8	Black & White and Numbered 8
9	Black & White and Numbered 9
10	Black & White and Numbered 10
11	Black & White and Numbered 11
12	Black & White and Numbered 12
Communication Wire	Orange

### Cabling 1:

Lay Direction
Left Hand

### 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	0.568 in	0.053 in	Yes
	0.564 in		

<b>Print Legend:</b>	LEGEND: BELDEN 1058A E34972 12PR20 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	19 Ohm/1000ft

### Capacitance:

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

## Inductance:

### Nominal Inductance

0.19  $\mu$ H/ft

## Voltage:

### UL Voltage Rating

300 V RMS (PLTC

CMG)

150 V RMS (ITC)

## Use

Suitability - Burial: Yes

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Suitability - Sunlight Resistance: Yes

Max Recommended Pulling Tension: 359 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: 6 in

## Part Number

Plenum (Y/N): No

## Standards

CA Prop 65 (CJ for Wire & Cable): CA Prop 65 (CJ for Wire & Cable)

CEC/C(UL) Specification: CEC/C(UL) Specification

<b>MII Order #39 (China RoHS):</b>	MII Order #39 (China RoHS)
<b>NEC/(UL) Specification:</b>	NEC/(UL) Specification
<b>EU Directive Compliance:</b>	EU Directive 2003/11/EC (BFR)
<b>EU CE Mark:</b>	EU CE Mark

## History

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## Product Variants

Part Number	Color	Put-Up Type	Length
1058A 0107500	BLACK	Reel	7500 ft

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