



**Obsolete**  
**Call**  
**1-800-BELDEN1**

For more Information  
 please call

1-800-Belden1

### Description:

22 AWG, 51 pairs, stranded (7x30) tinned copper conductors, PVC insulation, individual Beldfoil® shields, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
51	22	7x30	TC - Tinned Copper

#### Insulation

##### Insulation Material:

Insulation Material	Dia. (in.)
PVC - Polyvinyl Chloride	.062

#### Inner Shield

##### Inner Shield Material:

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

##### Inner Shield Drain Wire AWG:

AWG
22

Inner Shield Drain Wire Stranding: 7x30

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.074

Outer Jacket Ripcord: Yes

#### Overall Cabling

##### Overall Cabling Lay Length & Direction:

Direction
Left-hand Lay

Overall Nominal Diameter: 1.132 in.

#### Pair

##### Pair Color Code Chart:

Number	Color
1	Black & Red and Numbered 1
2	Black & Red and Numbered 2
3	Black & Red and Numbered 3
4	Black & Red and Numbered 4
5	Black & Red and Numbered 5
6	Black & Red and Numbered 6
7	Black & Red and Numbered 7
8	Black & Red and Numbered 8
9	Black & Red and Numbered 9

## 9337 Multi-Conductor - 300 Volt PLTC/ITC/CMG

10	Black & Red and Numbered 10
11	Black & Red and Numbered 11
12	Black & Red and Numbered 12
13	Black & Red and Numbered 13
14	Black & Red and Numbered 14
15	Black & Red and Numbered 15
16	Black & Red and Numbered 16
17	Black & Red and Numbered 17
18	Black & Red and Numbered 18
19	Black & Red and Numbered 19
20	Black & Red and Numbered 20
21	Black & Red and Numbered 21
22	Black & Red and Numbered 22
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41	Black & Red and Numbered 41
42	Black & Red and Numbered 42
43	Black & Red and Numbered 43
44	Black & Red and Numbered 44
45	Black & Red and Numbered 45
46	Black & Red and Numbered 46
47	Black & Red and Numbered 47
48	Black & Red and Numbered 48
49	Black & Red and Numbered 49
50	Black & Red and Numbered 50
51	Black & Red and Numbered 51
Communication Wire	Orange

## Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
Bulk Cable Weight:	658 lbs/1000 ft.
Max. Recommended Pulling Tension:	658 lbs.
Min. Bend Radius (Install)/Minor Axis:	10 in.

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC/(UL) Specification:	PLTC, ITC, CMG
CEC/C(UL) Specification:	CMG

## Flame Test

UL Flame Test:	UL1685 FT4 Loading
C(UL) Flame Test:	FT4

## 9337 Multi-Conductor - 300 Volt PLTC/ITC/CMG

IEEE Flame Test:	1202
ICEA Flame Test:	T-29-520

**Suitability**

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Burial:	Yes
Sunlight Resistance:	Yes

**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Surface Printing (Overall)**

Surface Printing:	LEGEND: BELDEN XXXX E34972 51PR22 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 (Overall)****Nom. Inductance:**

Inductance (μH/ft)

.21

**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/ft)

45

**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)

26

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

15

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:	76 Ohm/1000 ft
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**Max. Operating Voltage - UL:**

Voltage Description

300	PLTC
150	ITC
300	CMG

**Max. Recommended Current:**

Current

2.4 Amps per conductor @ 25°C

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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