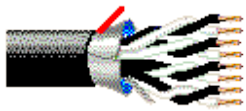


For more Information  
please call

1-800-Belden1



### General Description:

18 AWG pairs stranded (7x26) bare copper conductors, twisted pairs, PVC/Nylon insulation, individually shielded plus an overall Beldfoil shield (100% coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
50	18	7x26	BC - Bare Copper

Total Number of Conductors: 100

#### Insulation

##### Insulation Material:

Insulation Material
PVC/Nylon - Polyvinyl Chloride/Nylon

#### 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
20

Inner Shield Drain Wire Stranding: 7x26

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

#### Outer Shield

##### Outer Shield Material:

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

##### Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
18	7x28	TC - Tinned Copper

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	2.1336

Outer Jacket Ripcord: Yes

#### Overall Cable

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

Length (mm)
467.35816

Overall Nominal Diameter: 38.786 mm

#### Pair

##### Pair Color Code Chart:

Number	Color
1	Black & White Numbered 1
2	Black & White Numbered 2
3	Black & White Numbered 3
4	Black & White Numbered 4
5	Black & White Numbered 5
6	Black & White Numbered 6
7	Black & White Numbered 7
8	Black & White Numbered 8
9	Black & White Numbered 9
10	Black & White Numbered 10
11	Black & White Numbered 11
12	Black & White Numbered 12
13	Black & White Numbered 13
14	Black & White Numbered 14
15	Black & White Numbered 15
16	Black & White Numbered 16
17	Black & White Numbered 17
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40	Black & White Numbered 40
41	Black & White Numbered 41
42	Black & White Numbered 42
43	Black & White Numbered 43
44	Black & White Numbered 44
45	Black & White Numbered 45
46	Black & White Numbered 46
47	Black & White Numbered 47
48	Black & White Numbered 48
49	Black & White Numbered 49
50	Black & White Numbered 50

**Pair Lay Length & Direction:**

Lay Length (cm)	Twists (twist/m)
6.35	4.8

**Mechanical Characteristics (Overall)**

**Wet Temperature Range:** -30°C To +75°C

**Dry Temperature Range:** -30°C To +90°C

**Bulk Cable Weight:** 1824.980 Kg/Km

Max. Recommended Pulling Tension:	13175.600 N
Min. Bend Radius/Minor Axis:	388.620 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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
Other Specification:	ICEA S-73-532 (WC57), S-61-402

### Flame Test

UL Flame Test:	UL1685 UL Loading
C(UL) Flame Test:	FT4
IEEE Flame Test:	1202

### Suitability

Suitability - Burial:	Yes
Sunlight Resistance:	Yes

### Plenum/Non-Plenum

Plenum (Y/N):	No
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## Electrical Characteristics (Overall)

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
19.2267

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
12.4678

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 24.476 Ohm/km

### Max. Operating Voltage - UL:

Voltage
600 V RMS (NEC Type TC)
150 V RMS (NPLF)

## Notes (Overall)

Notes: Alternate color coding available upon request.

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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