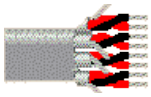
Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION

9392 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information
please call

1-800-Belden1

General Description:

18 AWG pairs stranded (19x30) tinned copper conductors, twisted pairs, PVC insulation, individually shielded (100% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
15	18	19x30	TC - Tinned Copper

Total Number of Conductors: 30

Insulation

Insulation Material:

Insulation Material
PVC - Polyvinyl Chloride

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: 19x32

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 (mm)
PVC - Polyvinyl Chloride	1.6256

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Direction
Left-hand Lay

Overall Nominal Diameter: 20.396 mm

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
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

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
UL Temperature Rating:	105°C
Bulk Cable Weight:	604.953 Kg/Km
Max. Recommended Pulling Tension:	4893.020 N
Min. Bend Radius/Minor Axis:	203.200 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

Flame Test

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

Suitability

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

Plenum/Non-Plenum

Plenum (Y/N):	No

Surface Printing (Overall)

Surface Printing:	BELDEN 9392 E34972 15PR18 SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(UL) CMG----FT4 IEEE1202 *2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m)
0.59058

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
367.472

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
200.141

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
19.5548

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:	27.232 Ohm/km

Max. Operating Voltage - UL:

Voltage

300 V RMS (PLTC
CMG)
150 V RMS (ITC)

Max. Recommended Current:

Current
4.1 Amps per conductor @ 25°C

Put Ups and Colors:

No put ups and colors are available for this product

Revision Number: 2 Revision Date: 05-17-2015