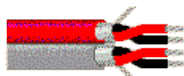


1504A Multi-Conductor - Double-Pair Cable

For more Information
please call

1-800-Belden1



General Description:

22 AWG stranded (19x34) TC conductors, PVC insulation, dual twisted pairs, overall Beldfoil® shield (100% coverage), 24 AWG stranded TC drain wire, PVC jacket in zip-cord construction.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
2	22	19x34	TC - Tinned Copper

Total Number of Conductors: 4

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.254

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
24	7x30	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 3.632 x 7.264 mm

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red
2	Black & Red

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +60°C
UL Temperature Rating:	60°C
Bulk Cable Weight:	44.646 Kg/Km
Max. Recommended Pulling Tension:	111.205 N
Min. Bend Radius/Minor Axis:	38.100 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CM
CEC/(UL) Specification:	CM
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):	10/01/2005

METRIC MEASUREMENT VERSION

1504A Multi-Conductor - Double-Pair Cable

EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes

Flame Test

UL Flame Test:	UL1685 UL Loading
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Plenum/Non-Plenum

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

Nom. Characteristic Impedance:

Impedance (Ohm)
45

Nom. Inductance:

Inductance (µH/m)
0.59058

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
187.017

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)
328.1

Nominal Velocity of Propagation:

VP (%)
66

Nominal Delay:

Delay (ns/m)
4.9215

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
44.9497

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
59.058

Max. Operating Voltage - UL:

Voltage
150 V RMS

Max. Recommended Current:

Current
2.9 Amps per conductor @ 25°C

Notes (Overall)

Notes: The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1504A A5QU1000	1,000 FT	32.000 LB	RED & GREEN		2 BONDED #22 FS PR PVC FR PVC
1504A A5Q2000	2,000 FT	64.000 LB	RED & GREEN	C	2 BONDED #22 FS PR PVC FR PVC
1504A G04U1000	1,000 FT	32.000 LB	RED & PURPLE		2 BONDED #22 FS PR PVC FR PVC
1504A J77U1000	1,000 FT	32.000 LB	USE 061		2 BONDED #22 FS PR PVC FR PVC
1504A 053U1000	1,000 FT	32.000 LB	RED & GRAY		2 BONDED #22 FS PR PVC FR PVC
1504A 0531000	1,000 FT	33.000 LB	RED & GRAY		2 BONDED #22 FS PR PVC FR PVC
1504A 0532000	2,000 FT	64.000 LB	RED & GRAY	C	2 BONDED #22 FS PR PVC FR PVC

Notes:

C = CRATE REEL PUT-UP.

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