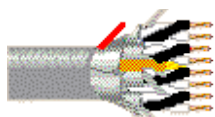


3005A Multi-Conductor - 300V Power-Limited Tray Cable



勝特力電材超市-龍山店 886-3-5773766
 勝特力電材超市-光復店 886-3-5729570
 勝特力電子(上海) 86-21-34970699
 勝特力電子(深圳) 86-755-83298787
<https://www.100y.com.tw>

For more Information
please call

1-800-Belden1

**Description:**

22 AWG pairs stranded (7x30) bare copper conductors, twisted pairs, PVC insulation, individually shielded plus an overall Beldfoil® shield (100% coverage), PVC jacket.

Physical Characteristics (Overall)**Conductor**

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material
	4	22	7x30	BC - Bare Copper
1		22	7x30	BC - Bare Copper

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
22

Inner Shield Drain Wire Stranding: 7x30

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
22	7x30	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.0922

Outer Jacket Ripcord: Yes

Overall Cabling

Overall Nominal Diameter: 9.144 mm

Pair

Pair Color Code Chart:

Number	Color
1	Black & White and Numbered 1
2	Black & White and Numbered 2
3	Black & White and Numbered 3

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4	Black & White and Numbered 4
Communication Wire	Orange

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
UL Temperature Rating:	105°C
Bulk Cable Weight:	96.733 Kg/Km
Max. Recommended Pulling Tension:	511.543 N
Min. Bend Radius (Install)/Minor Axis:	88.900 mm

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	PLTC, ITC, CMG
CEC/C(UL) Specification:	CMG
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
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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Electrical Characteristics (Overall)**Nom. Inductance:**

Inductance (µH/m)
0.59058

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
101.711

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
49.215

Max. Operating Voltage - UL:

Voltage
300 V RMS (PLTC
CMG)

3005A Multi-Conductor - 300V Power-Limited Tray Cable

150 V RMS (ITC)

Max. Recommended Current:**Current**

3.8 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Revision Number: 1 Revision Date: 04-11-2008

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