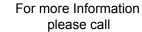
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9487 Multi-Conductor - 600V Tray Cable



1-800-Belden1



Description:

16 AWG pairs stranded (19x29) tinned copper conductors, twisted pairs, PVC/Nylon insulation, unshielded, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	16	19x29	TC - Tinned Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material PVC/Nylon - Polyvinyl Chloride/Nylon

Outer Shield

Outer Shield Material:

I	Outer Shield	Material
I	Unshielded	

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.048

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 0.295 in.

Pair

Pair Color Code Chart:



Pair Lay Length & Direction:

Lay Length (in.)	Twists (twist/ft)
3.000	4.000

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +90°C		
Bulk Cable Weight:	49 lbs/1000 ft.		
Max. Recommended Pulling Tension:	70 lbs.		
Min. Bend Radius/Minor Axis:	3 in.		

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU CE Mark:	Yes
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9487 Multi-Conductor - 600V Tray Cable

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, 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	Yes

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)
.15

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
26

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 4.27

Max. Operating Voltage - UL:

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

Max. Recommended Current:

Current 8 Amps per conductor @ 25°C

Notes (Overall)

Notes: Alternate color coding available upon request.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9487 0101000	1,000 FT	54.000 LB	BLACK	С	2 #16 PVC/NYL PVC
9487 010500	500 FT	25.500 LB	BLACK	С	2 #16 PVC/NYL PVC

Notes:

C = CRATE REEL PUT-UP.

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Detailed Specifications & Technical Data

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9487 Multi-Conductor - 600V Tray Cable

Revision Number: 1 Revision Date: 04-15-2008

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.