Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9489 Multi-Conductor - 600V Tray Cable

For more Information please call

1-800-Belden1



General Description:

12 AWG pairs stranded (37x27) tinned copper conductors, twisted pairs, unshielded, PVC/Nylon insulation, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	12	37x27	TC - Tinned Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material
PVC/Nylon - Polyvinyl Chloride/Nylon

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.047

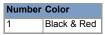
Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 0.380 in.

Pair

Pair Color Code Chart:



Mechanical Characteristics (Overall)

Wet Temperature Range:	-30°C To +75°C		
Dry Temperature Range:	-30°C To +90°C		
Bulk Cable Weight:	88 lbs/1000 ft.		
Max. Recommended Pulling Tension:	170 lbs.		
Min. Bend Radius/Minor Axis:	3.800 in.		

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	NPLF, TC-ER
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes

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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		
CSA 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		

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 24.4

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 1.65

Max. Operating Voltage - UL:

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

Max. Recommended Current:

Current
30 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
9489 0101000	1,000 FT	91.000 LB	BLACK	С	2 #12 PVC/NYL PVC

Notes:

C = CRATE REEL PUT-UP.

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Revision Number: 3 Revision Date: 02-13-2014

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