8477 Paired - High-Conductivity Copper Speaker Cable Twisted Jacket Con

For more information please call
1-800-Belden1

See Put-ups and Colors

Related Documents : No. 1.pdf

Description:

12 AWG stranded (65x30) tinned copper conductors, PVC insulation, twisted pair, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	1
Total Number of Conductors	2
AWG	12
Stranding	65x30
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.032 in.
Lay Length	2.4 in.
Twists/ft.	4.9

Pair Color Code Chart :

Number	Color
1	Black & White

OUTER SHIELD:

Outer Shield Material	Unshielded

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.035 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.386 in.

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +90°C
Non-UL Temperature Rating	90°C (UL AWM Style 2587)
Bulk Cable Weight	77 lbs/1000 ft.

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Max. Recommended Pulling Tension	150 lbs.
Min. Bend Radius (Install)	7.7 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CL3R
AWM Specification	UL Style 2587 (600 V 90°C)
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

FLAME TEST:

UL Flame Test	UL1685 UL Loading

PLENUM/NON-PLENUM:

Plenum (Y/N)	N

ELECTRICAL CHARACTERISTICS:

Nom. Inductance	0.18 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	35 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	1.8 Ohms/1000 ft

Max. Operating Voltage - UL :

UL Voltage	Description
300 V RMS	CL3R
600 V RMS	UL AWM Style 2587

Max. Recommended Current	13 Amps per conductor @ 25°C

NOTES:

Notes	See NEC Guidelines for applicable CL3 voltage ratings.

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8477 0601000	2 #12 PVC FRPVC	1000	85	CHROME	C
8477 060500	2 #12 PVC FRPVC	500	43.5	CHROME	C
8477 060U500	2 #12 PVC FRPVC	U500	41.5	CHROME	

C = CRATE REEL PUT-UP.

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