Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

39128 Hook-up/Lead - PPO Hook-up Wire 600V, 105°C AWM Style 11028

For more Information please call

1-800-Belden1

General Description:

28 AWG stranded (7x36) tinned copper conductor, PPO insulation. Rated 105ºC, 600V.

Usage (Overall)

Suitable Applications:	Electrical panel builders, Electrical/electronic manufacturers, Appliance manufacturers, Furniture, Computer manufacturers, Automotive companies and their sub-suppliers

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	28	7x36	TC - Tinned Copper

Total Number of Conductors:	1

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PPO - Polyphenylene Oxide	0.012

Overall Insulation

Overall Cable

Overall Nominal Diameter:	0.039 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +105°C Dry
Bulk Cable Weight:	1 lbs/1000 ft.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL Rating:	600 V, 105°C
UL Type:	AWM 11028
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):	04/01/2011
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:	VW-1

Plenum/Non-Plenum

Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
59.250

Max. Operating Voltage - UL:

Voltage
600 Vac

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Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	5 amps

Notes (Overall)

Notes: Halogen-free.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
39128 001100	100 FT	0.200 LB	BROWN	C	#28 STR PPO BRN
39128 0011000	1,000 FT	1.000 LB	BROWN	C	#28 STR PPO BRN
39128 0015000	5,000 FT	5.000 LB	BROWN	C Z	#28 STR PPO BRN
39128 002100	1,000 FT	2.000 LB	RED	C	#28 STR PPO RED
39128 0021000	1,000 FT	1.000 LB	RED	C	#28 STR PPO RED
39128 0025000	5,000 FT	5.000 LB	RED	C Z	#28 STR PPO RED
39128 003100	100 FT	0.200 LB	ORANGE	C	#28 STR PPO ORG
39128 0031000	1,000 FT	1.000 LB	ORANGE	C	#28 STR PPO ORG
39128 0035000	5,000 FT	5.000 LB	ORANGE	C Z	#28 STR PPO ORG
39128 004100	100 FT	0.200 LB	YELLOW	C	#28 STR PPO YEL
39128 0041000	1,000 FT	1.000 LB	YELLOW	C	#28 STR PPO YEL
39128 0045000	5,000 FT	5.000 LB	YELLOW	C Z	#28 STR PPO YEL
39128 005100	100 FT	0.200 LB	GREEN, DARK	C	#28 STR PPO DGRN
39128 0051000	1,000 FT	1.000 LB	GREEN, DARK	C	#28 STR PPO DGRN
39128 0055000	5,000 FT	5.000 LB	GREEN, DARK	C Z	#28 STR PPO DGRN
39128 007100	100 FT	0.200 LB	VIOLET	C	#28 STR PPO VIO
39128 0071000	1,000 FT	1.000 LB	VIOLET	C	#28 STR PPO VIO
39128 0075000	5,000 FT	5.000 LB	VIOLET	C Z	#28 STR PPO VIO
39128 008100	100 FT	0.200 LB	GRAY	C	#28 STR PPO GRY
39128 0081000	1,000 FT	1.000 LB	GRAY	C	#28 STR PPO GRY
39128 0085000	5,000 FT	5.000 LB	GRAY	C Z	#28 STR PPO GRY
39128 009100	100 FT	0.200 LB	WHITE	C	#28 STR PPO WHT
39128 0091000	1,000 FT	1.000 LB	WHITE	C	#28 STR PPO WHT
39128 0095000	5,000 FT	5.000 LB	WHITE	C Z	#29 STR PPO WHT
39128 010100	100 FT	0.200 LB	BLACK	C	#28 STR PPO BLK
39128 0101000	1,000 FT	1.000 LB	BLACK	C	#28 STR PPO BLK
39128 0105000	5,000 FT	5.000 LB	BLACK	C Z	#28 STR PPO BLK
39128 013100	100 FT	0.200 LB	BLUE, DARK	C	#28 STR PPO DBLU
39128 0131000	1,000 FT	1.000 LB	BLUE, DARK	C	#28 STR PPO DBLU
39128 0135000	5,000 FT	5.000 LB	BLUE, DARK	C Z	#28 STR PPO DBLU

Notes:
C = CRATE REEL PUT-UP.
Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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