

Part Number: 9981
UL AWM Style 1061



Product Description

Tinned copper conductor, semi-rigid PVC insulation (solid conductors suitable for wire wrap applications).

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
18	19x30	TC - Tinned Copper	1
Total Number of Conductors:			1

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.01 in

Outerjacket 1:

Nominal Diameter
0.066 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
6.5 Ohm/km

High Frequency (Nominal/Typical):

Nom. Insertion Loss
6.5 db/100m
6.5 db/100m
6.5 db/100m

High Freq:

Max. Insertion Loss (Attenuation)
6.5 db/100m
6.5 db/100m

Performance:

TIA
6.4

Use

Safety

CSA Flammability:	FT1
UL Flammability:	VW-1

Temperature Range

Mechanical Characteristics

Part Number

Plenum (Y/N):	No
---------------	----

Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CSA Rating:	300V RMS, 80°C
CSA Type:	AWM I, A/B
MII Order #39 (China RoHS):	Yes
UL AWM Style:	1061
UL Rating:	300V RMS, 80°C
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

Product Variants

Part Number	Color	Put-Up Type	Length
9981 0011000	BROWN	Reel	1000 ft
9981 001100	BROWN	Reel	100 ft
9981 0021000	RED	Reel	1000 ft
9981 002100	RED	Reel	100 ft
9981 0031000	ORANGE	Reel	1000 ft
9981 003100	ORANGE	Reel	100 ft
9981 0041000	YELLOW	Reel	1000 ft
9981 004100	YELLOW	Reel	100 ft
9981 0051000	GREEN, DARK	Reel	1000 ft
9981 005100	GREEN, DARK	Reel	100 ft
9981 0071000	VIOLET	Reel	1000 ft
9981 007100	VIOLET	Reel	100 ft
9981 0081000	GRAY	Reel	1000 ft
9981 0091000	WHITE	Reel	1000 ft
9981 009100	WHITE	Reel	100 ft
9981 0101000	BLACK	Reel	1000 ft
9981 010100	BLACK	Reel	100 ft
9981 0131000	BLUE, DARK	Reel	1000 ft
9981 013100	BLUE, DARK	Reel	100 ft

© 2016 Belden, Inc

All Rights Reserved

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

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