

9405 Multi-Conductor - Antenna Rotor Cable

For more Information
please call

1-800-Belden1



Description:

6 - stranded (16x30) 18 AWG and 2 - 16 AWG stranded (19x28) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	16	19x28	TC - Tinned Copper
6	18	19x30	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)	AWG
PVC - Polyvinyl Chloride	.019	16
PVC - Polyvinyl Chloride	.018	18

Insulation Resistance:

500 Mega Ohms/1000 ft. @ 500 V DC

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.032

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black (16 AWG)
2	White (16 AWG)
3	Brown (18 AWG)
4	Red (18 AWG)
5	Yellow (18 AWG)
6	Blue (18 AWG)
7	Orange (18 AWG)
8	Green (18 AWG)

Overall Nominal Diameter:

0.345 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:

-20°C To +80°C

UL Temperature Rating:

80°C (UL AWM Style 2464)

Bulk Cable Weight:

81.900 lbs/1000 ft.

Max. Recommended Pulling Tension:

181 lbs.

Min. Bend Radius (Install)/Minor Axis:

3.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CM

AWM Specification: UL Style 2464 (300 V 80°C)

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): 04/01/2005

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

Suitability

Sunlight Resistance: Yes

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
16 AWG	4.0
18 AWG	6.8

Max. Operating Voltage - UL:

Voltage
300 V RMS (UL AWM Style 2464)

Max. Recommended Current:

Current
4 Amps per conductor @ 25°C (18 AWG)
4.9 Amps per conductor @ 25°C (16 AWG)

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9405 0601000	1,000 FT	92.000 LB	CHROME	C	2#16PVC,6#18PVC,PVC
9405 060500	500 FT	47.000 LB	CHROME	C	2#16PVC,6#18PVC,PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 09-18-2008

© 2012 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

9405 Multi-Conductor - Antenna Rotor Cable

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.