

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.

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