



Part Number: 9405

Antenna Rotor Cable

Product Description

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

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
16	19x28	TC - Tinned Copper	2
18	19x30	TC - Tinned Copper	6
Total Number of Conductors:			8

Insulation:

Element	Material	Nominal Wall Thickness
16	PVC - Polyvinyl Chloride	0.019 in
18	PVC - Polyvinyl Chloride	0.019 in

Color Chart 1:

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)

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.345 in	0.032 in

Electrical Characteristics

Conductor DCR:

Element	Nominal Conductor DCR
16 AWG	4 Ohm/1000ft
18 AWG	6.8 Ohm/1000ft

Current:

Max. Recommended Current [A]
4 (18 AWG) Amps per conductor @ 25°C A
4.9 Amps per conductor @ 25°C (16 AWG)

Voltage:

UL Voltage Rating
300V RMS

Use

Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	181 lbs

Safety

Temperature Range

Operating Temp Range:	-20°C To +80°C
UL Temp Rating:	80°C (UL AWM Style 2464)

Mechanical Characteristics

Min Bend Radius/Minor Axis:	3.5 in
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Part Number

Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
NEC/(UL) Specification:	CM
UL AWM Style:	UL Style 2464 (300V 80°C)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

History

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