



## Part Number: 8448

Antenna Rotor, (6) 22 AWG (7x30) TC, (2) 18 AWG (16x30) TC, PVC/PVC, CMG

### Product Description

Six 22 AWG stranded (7x30) and two 18 AWG stranded (16x30) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

### Technical Specifications

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Conductors
18	16x30	TC - Tinned Copper	8
22	7x30	TC - Tinned Copper	6

Conductor Count:	8
Conductor Size:	18 AWG

##### Insulation

Element	Material	Nominal Wall Thickness
18	PVC - Polyvinyl Chloride	0.019 in
22	PVC - Polyvinyl Chloride	0.011 in

##### Color Chart

Number	Color
1	Black (18 AWG)
2	White (18 AWG)
3	Red (22 AWG)
4	Green (22 AWG)
5	Brown (22 AWG)
6	Blue (22 AWG)
7	Yellow (22 AWG)
8	Orange (22 AWG)

##### Outer Shield Material

Material
Unshielded

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.259 in	0.032 in

#### Electrical Characteristics

##### Conductor DCR

Element	Nominal Conductor DCR
22 AWG	15.6 Ohm/1000ft
18 AWG	6.8 Ohm/1000ft

Shielding:	Unshielded
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##### Current

Max. Recommended Current [A]
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2.4 Amps per conductor @ 25°C (22 AWG), 4 Amps per conductor @ 25°C (18 AWG)
4 Amps per conductor @ 25°C (18 AWG)

#### Voltage

UL Description	UL Voltage Rating
CMG	300V RMS
UL AWM Style 2576	150 V RMS

#### Temperature Range

UL Temp Rating:	80°C (UL AWM Style 2576)
Operating Temp Range:	-20°C To +80°C

#### Mechanical Characteristics

Bulk Cable Weight:	47 lbs/1000ft
Max Recommended Pulling Tension:	86 lbs
Min Bend Radius/Minor Axis:	2.75 in

#### Standards

NEC Articles:	800
NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	UL Style 2576 (150 V 80°C)

#### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Suitability

Suitability - Sunlight Resistance:	Yes
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#### Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
UL Voltage Rating:	300 V RMS

#### Part Number

##### Variants

Item #	Color	Footnote
8448 0601000	CHROME	C
8448 060500	CHROME	C
8448 060U1000	CHROME	

Footnote:	C - CRATE REEL PUT-UP.
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