



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.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
18	16x30	TC - Tinned Copper	2
22	7x30	TC - Tinned Copper	6

Total Number of Conductors:	8
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Insulation:

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

Color Chart 1:

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)

Outershield 1:

Material
Unshielded

Outerjacket 1:

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

Current:

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

Voltage:

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

Use

Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	86 lbs

Safety

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

Temperature Range

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

Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.75 in
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Part Number

Standards

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

History

Product Variants

Part Number	Color	Put-Up Type	Length
8448 0601000	CHROME	Reel	1000 ft
8448 060500	CHROME	Reel	500 ft
8448 060U1000	CHROME	UnReel	1000 ft
8448 060U500	CHROME	UnReel	500 ft

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