

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
24	Solid	BC - Bare Copper	2
Conductor Count:		8	
Total Number of Pairs:		4	
Conductor Size:		24 AWG	

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PO - Polyolefin	0.044 in	0.01 in
Bonded-Pair:		Yes

Color Chart

Number	Color
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown

Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	24

Inner Jacket Material

Material	Nominal Diameter
Industrial Grade PVC - Polyvinyl Chloride	0.265 in

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	24	7x32 mm

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Report
Industrial Grade PVC - Polyvinyl Chloride	0.578 in	0.03 in	No

Author

Type of Armor	Material
Interlocked Armor	Aluminum

Contractor Bids

Max. Conductor DCR	Max. DCR Unbalance
9.38 Ohm/1000ft	3 %

Expenses

Minimum Capacitance	Maximum Capacitance
330 pF/ft	15 pF/ft

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538 ns/100m	45 ns/100m	70 %
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High Freq

[illegible]

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UL Voltage Rating	200 V B.M.C.
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Temperature Range

Installation Temp Range:	-25°C To +75°C
UL Temp Rating:	60°C
Storage Temp Range:	-40°C To +80°C
Operating Temp Range:	-40°C To +75°C

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Bulk Cable Weight:	30 lbs/1000ft
Max Recommended Pulling Tension:	20 lbs
Min Bend Radius/Minor Axis:	0.5 in

64. [Download](#)

NEC/UL Specification:	CM, UL 444
CEC/C(UL) Specification:	CMG
CPR Euroclass:	Eca
Data Category:	Category: Eca

Applicable Environmental and Other Programs	
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-04
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Oil Resistance:	Yes
Suitability - Outdoor:	Yes

Suitability - Sunlight Resistance:

Flammability, LSOH, Toxicity Testing	
UL Flammability:	UL1666 Vertical Riser

CSA Flammability:

UL voltage rating:	300 V RMS
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Friendship/Non

Plenum

Part Number		
Variants		
Item #	Color	Footnote
7929A 0101000	Black	C
7929A 0102000	Black	C
7929A 0105000	Black	C
7929A 0061000	Blue	C
7929A 0081000	Gray	C