

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

100

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

4

Inner Shield Material					
Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG

Tape	Aluminum Foil-P
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Inner Jacket Material	
Material	Nominal Diameter

Indu

Outer Shield Material						
		Material Trade	Coverage	Denimius	Denimius	Denimius Construction

Type	Material
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Tape	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	24	7x32 mm
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Outer Jacket Material

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

Construction and Dimensions

Armor

Type of Armor	Material
Interlocked Armor	Aluminum

Electrical Characteristics

Conductor DCP

Max. Conductor DCR	Max. DCR Unbalance
0.39 Ohms/1000ft	3 %

Capacitance

Max. Capacitance Unbalance	Nom.Mutual Capacitance
220 ± 5%	1.5 ± 5%

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Max. Delay	Max. Delay Skew	Nominal Velocity of Propagation (VP) [%]

538 ns/

[illegible]

200 MHz

Voltage

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500 V RMS	
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:

Mechanical Characteristics	
Bulk Cable Weight:	30 lbs/1000ft
Max Recommended Pulling Tension:	20 lbs

Min Bend R

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

Data Category:		Ca
Category 1	Value 1	10
Category 1	Value 2	20
Category 1	Value 3	30
Category 1	Value 4	40
Category 1	Value 5	50
Category 1	Value 6	60
Category 1	Value 7	70
Category 1	Value 8	80
Category 1	Value 9	90
Category 1	Value 10	100
Category 2	Value 1	10
Category 2	Value 2	20
Category 2	Value 3	30
Category 2	Value 4	40
Category 2	Value 5	50
Category 2	Value 6	60
Category 2	Value 7	70
Category 2	Value 8	80
Category 2	Value 9	90
Category 2	Value 10	100

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:	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1666 Vertical Riser
CSA Flammability:	FT4
UL voltage rating:	300 V RMS

Plenum/Non

Plenum (Y/N):	No	
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