



Product: [9154ZH](#)

Electronic, 2 C #20 Str TC, PVC Ins, OS, PVC Jkt, CMG

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Product Description

Electronic, 2 Conductor 20AWG (7x28) Tinned Copper, PVC Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CMG

Technical Specifications

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	20 AWG	7x28	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.015 in (0.38 mm)	0.066 in (1.7 mm)	Red and Black

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.031 in (0.79 mm)	0.197 in

Overall Cable Diameter (Nominal): 0.197 in.

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
11.1 Ohm/1000ft	27 pF/ft (89 pF/m)	48 pF/ft (160 pF/m)	4 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C to 75°C

Bend Radius

Stationary Min.	Installation Min.
1.97 in (50.0 mm)	1.97 in

Max. Pull Tension:	34.3 lbs (15.6 kg)
Bulk Cable Weight:	20 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL 1685 FT4 Loading
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 21307
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.278 Revision Date: 05-05-2023
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Part Numbers

Variants

Item #	Color	UPC
9154ZH 0101000	Black	612825382140
9154ZH 010500	Black	612825382157

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