



**Product:** [9154ZH](#)

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

[Request Sample](#)

**Product Description**

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

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Pairs
20	7x28	TC - Tinned Copper	1

Conductor Count:	2
Total Number of Pairs:	1

**Insulation**

Material	Nominal Wall Thickness
PP - Polypropylene	0.015 in

**Color Chart**

Number	Color
1	Red
2	Black

**Outer Shield Material**

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil® (Z-Fold®)	100%	TC - Tinned Copper	22

**Outer Jacket Material**

Material	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.031 in

**Electrical Characteristics**

**Conductor DCR**

Nominal Outer Shield DCR
11.4 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
27 pF/ft	48 pF/ft

**Inductance**

Nominal Inductance
0.18 µH/ft

**Current**

Max. Recommended Current [A]

4 Amps per Conductor at 25°C

## Voltage

### UL Voltage Rating

300 V RMS

## Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C to 75°C

## Mechanical Characteristics

Bulk Cable Weight:	20 lbs/1000ft
Max. Pull Tension:	39 lbs
Min Bend Radius/Minor Axis:	2.0 in

## Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMG
CEC/C(UL) Compliance:	CMG
UL AWM Style Compliance:	21307

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	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 CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2012-05-07

## Suitability

Suitability - Indoor:	Yes
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## Flammability, LSOH, Toxicity Testing

UL Flammability:	UL 1685 FT4 Loading
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

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

## History

Update and Revision:	Revision Number: 0.192 Revision Date: 02-16-2021
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