



Part Number: 9154NH

GreenChoice, (1 pr) 20 AWG (7x28) TC, PP/LSZH, Foil Shld, CMG

Product Description

One 20 AWG pair stranded (7x28) tinned copper conductors, twisted pairs, polypropylene insulation, low smoke zero-halogen jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Pairs
20	7x28	TC - Tinned Copper	1
Total Number of Conductors:			2

Insulation:

Material	Nominal Wall Thickness
PP - Polypropylene	0.015 in

Color Chart 1:

Number	Color
1	Black & Red

Stranding:

Lay Length	Twists
1.5 in	8 twist/ft

Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	Beldfoil®	100 %	TC - Tinned Copper	22	7x30 mm

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen	0.197 in	0.031 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
9.5 Ohm/1000ft	11.4 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
27 pF/ft	48.5 pF/ft

Current:

Max. Recommended Current [A]
4 Amps per conductor @ 25°C

Inductance:

Nominal Inductance
0.18 µH/ft

Voltage:

UL Voltage Rating
300 V RMS

Use

Suitability - Indoor:	Yes
Max Recommended Pulling Tension:	39 lbs

Safety

C(UL) Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading
Suitability - Non-Halogenated:	Yes

Temperature Range

Operating Temp Range:	-20°C To +80°C
UL Temp Rating:	80°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	2 in
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Part Number

Plenum (Y/N):	No
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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
Other Specification:	Other 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
9154NH 0101000	BLACK	Reel	1000 ft
9154NH 010500	BLACK	Reel	500 ft

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