



**Part Number:** 9156NH

GreenChoice, (2 pr) 18 AWG (16x30) TC, PP/LSZH, CMG

## Product Description

Two 18 AWG pair stranded (16x30) 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
18	16x30	TC - Tinned Copper	2
<b>Total Number of Conductors:</b>			4

#### Insulation:

Material	Nominal Wall Thickness
PP - Polypropylene	0.013 in

#### Color Chart 1:

Number	Color
1	Black & Red
2	Black & White

#### Innershield:

Material
Unshielded

#### Outershield 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen	0.333 in	0.033 in

## Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
5.86 Ohm/1000ft

#### Capacitance:

Nom. Capacitance Conductor to Conductor
17.5 pF/ft

#### Current:

Max. Recommended Current [A]
3.9 Amps per conductor @ 20°C

#### Voltage:

UL Voltage Rating
300 V RMS (UL AWM Style 2464)

## Use

Suitability - Indoor:	Yes
Max Recommended Pulling Tension:	90 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:	3.25 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
9156NH 0101000	BLACK	Reel	1000 ft
9156NH 010500	BLACK	Reel	500 ft

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