

## 9740NH Multi-Conductor - GreenChoice Multiconductor



For more Information  
please call

1-800-Belden1

**General Description:**

18 AWG stranded (16x30) tinned copper conductors, PP insulation, twisted pairs, LSZH jacket.

**Physical Characteristics (Overall)****Conductor**

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	18	16x30	TC - Tinned Copper

Total Number of Conductors: 2

**Insulation**

Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.013

**Inner Shield**

Inner Shield Material:

Inner Shield Material
Unshielded

**Outer Shield**

Outer Shield Material:

Outer Shield Material
Unshielded

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
LSZH - Low Smoke Zero Halogen	0.032

**Overall Cable**

Overall Nominal Diameter: 0.210 in.

**Pair**

Pair Color Code Chart:

Number	Color
1	Black & Red

Pair Lay Length & Direction:

Lay Length (in.)	Twists (twist/ft)
2.000	6.000

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C
Bulk Cable Weight:	22 lbs/1000 ft.
Max. Recommended Pulling Tension:	45 lbs.
Min. Bend Radius/Minor Axis:	2.250 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
EU Directive 2011/65/EU (RoHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes

## 9740NH Multi-Conductor - GreenChoice Multiconductor

EU RoHS Compliance Date (mm/dd/yyyy):	05/08/2012
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Other Specification:	UL AWM 21307

## Flame Test

UL Flame Test:	UL1685 FT4 Loading
C(UL) Flame Test:	FT4

## Suitability

Suitability - Indoor:	Yes
Non-halogenated:	Yes

## Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

## Electrical Characteristics (Overall)

## Nom. Capacitance Conductor to Conductor:

## Capacitance (pF/ft)

17.500

## Nom. Conductor DC Resistance:

## DCR @ 20°C (Ohm/1000 ft)

6.86

## Max. Operating Voltage - UL:

## Voltage

300 V RMS

## Max. Recommended Current:

## Current

4.8 Amps per conductor @ 20°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9740NH 0101000	1,000 FT	25.000 LB	BLACK		1 PR #18 PO NHFRPO
9740NH 010500	500 FT	12.500 LB	BLACK		1 PR #18 PO NHFRPO

Revision Number: 0 Revision Date: 08-16-2016

© 2016 Belden, Inc.  
 All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability. Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein. All sales of Belden products are subject to Belden's standard terms and conditions of sale. Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Belden Wire & Cable:

[9740NH 010500](#) [9740NH 0101000](#)