Belden



Product: 8760MN

SpaceMaker™, 2 C #18 Str TC, PE Ins, OS, PVC Jkt, AWM 2937

Request Sample

Product Description

SpaceMaker™, 2 Conductor 18AWG (41x34) Tinned Copper, PE Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Product Overview

Suitable Applications:	Connect machines and devices in space constrained settings,low voltage analog signals (4-20ma, 0-10v, ...),low voltage digital control (24v, …),ine level audio,computer communication,panel wiring

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	18 AWG	41x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.010 in (0.25 mm)	0.067 in (1.7 mm)	Black & White

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	20 AWG (19x32) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.169 in (4.29 mm)

Overall Cable Diameter (Nominal):	0.169 in (4.29 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Shield	Nom. Inductance	Max. Current
Pair(s)	7.06 Ohm/1000ft	76.9 pF/ft (252 pF/m)	40.6 pF/ft (133 pF/m)	0.170 µH/ft (0.558 µH/m)	14 Amps per Conductor at 30ºC

Nom Outer Shield DCR:	8.18 Ohm/1000ft (26.8 Ohm/km)

Voltage

UL Voltage Rating
300 V (UL AWM 2937)

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-30°C to +80°C

Bend Radius

Stationary Min.	Installation Min.

2.0 in (51 mm)	2.0 in (51 mm)

Max. Pull Tension:	56 lbs (25 kg)
Bulk Cable Weight:	20 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	FT2
AWM Compliance:	AWM 2937
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)

History

Update and Revision:	Revision Number: 0.334 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8760MN 006100	Blue, Light	Reel	100 ft	612825385837
8760MN 0061000	Blue, Light	Reel	1,000 ft	612825385844
8760MN 008100	Gray	Reel	100 ft	612825385851
8760MN 0081000	Gray	Reel	1,000 ft	612825382652
8760MN 004100	Yellow	Reel	100 ft	612825385813
8760MN 0041000	Yellow	Reel	1,000 ft	612825385820

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