Belden

Product: 8771MN ↗

SpaceMaker™, 3 C #22 Str TC, PO Ins, OS, PVC Jkt, AWM 2937

⚡ Request Sample

Product Description

SpaceMaker™, 3 Conductor 22AWG (19x34) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Triad(s)	1	22 AWG	19x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Triad(s)	PP - Polypropylene	0.010 in (0.25 mm)	0.050 in (1.3 mm)	Black, White and Red

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (19x36) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.144 in

Overall Cable Diameter (Nominal):	0.144 in.

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
14.9 Ohm/1000ft	33.0 pF/ft (108 pF/m)	66.0 pF/ft (217 pF/m)	45 Ohm	2.9 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C (AWM 2937)	-20°C To +80°C

Bend Radius

Stationary Min.	Installation Min.	Flexing Min.
0.576 in (14.6 mm)	0.576 in	1.440 in (36.58 mm)

Max. Pull Tension:	33 lbs (15 kg)
Bulk Cable Weight:	14 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)
Other Standard Compliance(s):	NFPA 79

History

Update and Revision:	Revision Number: 0.277 Revision Date: 05-05-2023

Part Numbers

Variants

Item #	Color	UPC
8771MN 006100	Blue, Light	612825386407
8771MN 0061000	Blue, Light	612825386414
8771MN 008100	Gray	612825386421
8771MN 0081000	Gray	612825386438
8771MN 004100	Yellow	612825386384
8771MN 0041000	Yellow	612825386391