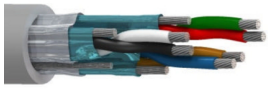
BELDEN
SENDING ALL THE RIGHT SIGNALS

Product: 8777MN



SpaceMaker™, 3 Pr #22 Str TC, PO Ins, IS/OS, PVC Jkt, AWM 2937

Request Sample

Product Description

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

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	19x34	TC - Tinned Copper	6

Total Number of Pairs:	3

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.010 in

Color Chart

Number	Color
1	Black & White
2	Red & Dark Green
3	Brown & Dark Blue

Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	24

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	22

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.243 in	0.016 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
14.9 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
33 pF/ft	81.6 pF/ft

Inductance

Nominal Inductance

0.031 µH/ft

Impedance

Nominal Characteristic Impedance
51 Ohm

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	39 lbs/1000ft
Max. Pull Tension:	31 lbs
Min Bend Radius During Installation:	.970 in.
Min Bend Radius (Continuous Flexing):	2.430 in

Standards

UL AWM Style Compliance:	AWM 2937 (300 V 80°C), NFPA 79

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01

Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT2
UL voltage rating:	300 V RMS

Part Number

Variants

Item #	Color	UPC
8777MN 006100	Blue, Light	612825386858
8777MN 0061000	Blue, Light	612825386889
8777MN 008100	Gray	612825386865
8777MN 0081000	Gray	612825386896
8777MN 004100	Yellow	612825386841
8777MN 0041000	Yellow	612825386872

History

Update and Revision:	Revision Number: 0.229 Revision Date: 09-30-2020