



**Part Number: 8778MN**

SpaceMaker™, (6 pr) 22 AWG  
(19x34) TC, PP/PVC, Foil Shld

## Product Description

Six 22 AWG pair stranded (19x34) TC conductors, polypropylene insulation, individual and overall Beldfoil® shield (100% coverage), PVC jacket.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
22	19x34	TC - Tinned Copper	12

Total Number of Pairs:	6
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#### 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
4	Orange & Yellow
5	Purple & Gray
6	Pink & Tan

#### Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Aluminum Foil-Polyester Tape	Beldfoil	100 %	TC - Tinned Copper	24

#### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Aluminum Foil-Polyester Tape	Beldfoil	100 %	TC - Tinned Copper	22

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.317 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
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33 pF/ft	62.7 pF/ft
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## Inductance

Nominal Inductance
0.18 µH/ft

## Voltage

UL Voltage Rating
300V RMS

## Temperature Range

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

## Mechanical Characteristics

Bulk Cable Weight:	61 lbs/1000ft
Max Recommended Pulling Tension:	157 lbs
Min Bend Radius During Installation:	1.270 in
Min Bend Radius (Continuous Flexing):	3.170 in

## Standards

UL AWM Style:	AWM 2937 (300V 80C), NFPA 79
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## 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
CA Prop 65 (CJ for Wire & Cable):	Yes

## Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT2
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## Part Number

Plenum (Y/N):	No
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## Variants

Item #	Color
8778MN 006100	BLUE, LIGHT
8778MN 0061000	BLUE, LIGHT
8778MN 008100	GRAY
8778MN 0081000	GRAY
8778MN 004100	YELLOW
8778MN 0041000	YELLOW

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