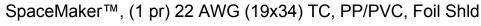


Part Number: 8761MN





### **Product Description**

One 22 AWG pair stranded (19x34) tinned copper conductors, polypropylene insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

### **Technical Specifications**

### **Physical Characteristics (Overall)**

Condu	onductor				
AWG	Stranding	Material	No. of Conductors	No	o. of Pairs
22	19x34	TC - Tinned Copper	2	1	
Conductor Count:		2			
Total Number of Pairs:		1			
Conductor Size:		22 AWG			

#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.01 in

#### **Color Chart**



### **Outer Shield Material**

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

### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.135 in	0.016 in
	0.135 in	

### **Electrical Characteristics**

### Conductor DCR

Nominal Conductor DCR
14.9 Ohm/1000ft

### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield	
28.8 pF/ft	55.9 pF/ft	
Shielding:	Foil(s) or Copp	er Tape(

### Inductance

Nominal Inductance

### Impedance

Nominal Characteristic Impedance
51 Ohm

#### Current

# Max. Recommended Current [A]

2.9 Amps per conductor @ 25°C ambient

# Voltage

### UL Voltage Rating

300 V RMS (UL AWM Style 2092)

# **Temperature Range**

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

### **Mechanical Characteristics**

Bulk Cable Weight:	11 lbs/1000ft
Max Recommended Pulling Tension:	27 lbs
Min Bend Radius (Continuous Flexing):	1.350 in
Min Bend Radius/Minor Axis:	0.540 in

### **Standards**

NEC/(UL) Specification:	800
UL AWM Style:	UL Style AWM 2937 (300V 80C)
Other Specification:	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:	Yes
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes

## Suitability

Suitability - Indoor:	Yes	

# Flammability, LS0H, Toxicity Testing

CSA Flammability:	FT2
UL Voltage Rating:	300V RMS (UL AWM Style 2092)

### Plenum/Non-Plenum

Plenum (Y/N):	Υ

### **Part Number**

# Variants

Item #	Color
8761MN 006100	BLUE, LIGHT
8761MN 0061000	BLUE, LIGHT
8761MN 008100	GRAY
8761MN 0081000	GRAY
8761MN 004100	YELLOW
8761MN 0041000	YELLOW

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