



Part Number: 9774MN

SpaceMaker™, (6 pr) 18 AWG
(41x34) TC, PP/PVC, Foil Shld

Product Description

Six 18 AWG pair stranded (41x34) TC conductors, polypropylene insulation, individual and overall Beldfoil® shield (100% coverage), PVC jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material
18	41x34	TC - Tinned Copper

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	20

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	18

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.439 in	0.016 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
43.4 pF/ft	81.6 pF/ft

Inductance

Nominal Inductance
0.022 μ H/ft

Impedance

Nominal Characteristic Impedance
39 Ohm

Voltage

UL Voltage Rating
300V

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	129 lbs/1000ft
Max Recommended Pulling Tension:	354 lbs
Min Bend Radius During Installation:	1.760 in
Min Bend Radius (Continuous Flexing):	4.390 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
9774MN 006100	BLUE, LIGHT
9774MN 0061000	BLUE, LIGHT
9774MN 008100	GRAY
9774MN 0081000	GRAY
9774MN 004100	YELLOW
9774MN 0041000	YELLOW

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.