



Description:

24 AWG stranded (7x32) TC conductors, polyethylene insulation, twisted pair, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain wire, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	1
Total Number of Conductors	2
AWG	24
Stranding	7x32
Conductor Material	TC - Tinned Copper

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

INSULATION:

Insulation Material	PE - Polyethylene
Nom. Insulation Wall Thickness	.016 in.
Lay Length	1.5 in.
Twists/ft.	8

Pair Color Code Chart :

Number	Color
1	Black & Clear

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	24
Outer Shield Drain Wire Stranding	7x32
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
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Outer Jacket Nominal Wall Thickness .025 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter .168 in.

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MECHANICAL CHARACTERISTICS:

Operating Temperature Range -20°C To +80°C

UL Temperature Rating 60°C (UL AWM Style 2092)

Bulk Cable Weight 12.1 lbs/1000 ft.

Max. Recommended Pulling Tension 11 lbs.

Min. Bend Radius (Install) 1.7 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification CM

CEC/C(UL) Specification CM

AWM Specification UL Style 2092 (300 V 60°C)

EU CE Mark (Y/N) Yes

EU RoHS Compliant (Y/N) Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

FLAME TEST:

UL Flame Test UL1685 UL Loading

PLENUM/NON-PLENUM:

Plenum (Y/N) N

Plenum Number 88641, 82641

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance 80 Ohms

Nom. Inductance .22 µH/ft

Nom. Capacitance Conductor to Conductor @ 1 KHz 22 pF/ft

Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz 42 pF/ft

Nom. Conductor DC Resistance @ 20 Deg. C 25 Ohms/1000 ft

Nominal Outer Shield DC Resistance @ 20 Deg. C 14.6 Ohms/1000 ft

Max. Operating Voltage - UL 300 V RMS (UL AWM Style 2092)

Max. Recommended Current 2.2 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8641 060100	1 #24 FS PR PE PVC	100	2.3	CHROME	

8641 0601000	1 #24 FS PR PE PVC	1000	14	CHROME	C
8641 0602000	1 #24 FS PR PE PVC	2000	28	CHROME	C
8641 060500	1 #24 FS PR PE PVC	500	7	CHROME	
8641 060U1000	1 #24 FS PR PE PVC	U1000	13	CHROME	
8641 060U500	1 #24 FS PR PE PVC	U500	7	CHROME	

C = CRATE REEL PUT-UP.

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