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BELDEN 88104

24 AWG (7 X 32) TINNED COPPER CONDUCTORS, FOAMED FEP INSULATION,
4 PAIRS, OVERALL ALUMINUM/MYLAR SHIELD (FOIL OUT PLUS DRAIN WIRE)
FLUOROCOPOLYMER JACKET

REVISION

REV	DESCRIPTION	DATE	APPROVED
A	ECO 003051, RELEASED	4/19/04	

ELECTRICAL CHARACTERISTICS

MAX OPERATING VOLTAGE	300Vrms
MAX CONTINUOUS CURRENT PER CONDUCTOR @ 25°C	1.54 A
NOMINAL IMPEDENCE	100 OHMS
NOMINAL CAPACITANCE BETWEEN CONDUCTORS OF PAIR @ 1KHz	12.95 PF/FT
NOMINAL INDUCTANCE BETWEEN CONDUCTORS OF PAIR	0.21 µH/FT
NOMINAL VELOCITY OF PROPAGATION	78%
NOMINAL DELAY	1.3 NS/FT
NOMINAL CONDUCTOR DC RESISTANCE @ 20°C	24 OHMS/1000 FT
NOMINAL SHIELD DC RESISTANCE @ 20°C	14.0 OHMS/1000 FT

PHYSICAL CHARACTERISTICS

TEMPERATURE RATING	-20 TO 150°C
INSULATION MATERIAL	FOAMED FEP
JACKET MATERIAL	FLUOROCOPOLYMER
JACKET COLOR	GRAY
TYPE OF SHIELD AND % COVERAGE	ALUM/MYLAR 100%
NOMINAL OUTSIDE DIAMETER	.259"
MIN BEND RADIUS	2.6"
MAX PULLING TENSION	49 LBS
NOMINAL WEIGHT PER 1000 FT	34.4 LBS
FLAME RESISTANCE	UL 910 STEINER TUNNEL
APPLICABLE SPECIFICATION	NEC CMP CEC C(UL) CMP

COLOR CODES

PAIR NUMBER	COLORS	PAIR NUMBER	COLORS
1	WHITE W/BLUE STRIPE & BLUE W/WHITE STRIPE	3	WHITE W/GREEN STRIPE & GREEN W/WHITE STRIPE
2	WHITE W/ORANGE STRIPE & ORANGE W/WHITE STRIPE	4	WHITE W/BROWN STRIPE & BROWN W/WHITE STRIPE

FIRST USED
M444-HNNB-9TOY-AA

MATERIAL

FINAL FINISH

NOTE: UNLESS OTHERWISE SPECIFIED.

- REMOVE ALL BURRS AND SHARP EDGES.
- CH'R FIRST THD. ALL TAPPED HOLES.
-
-

TOLERANCE
UNLESS OTHERWISE SPECIFIED

FRACTIONS 1/32 (.794 mm)

.XX ±.01 (.254 mm)
.XXX ±.005 (.127 mm)
.XXXX ±.0005 (.0127 mm)

ANGLES ±1 DEGREE

SURFACE FINISH
OR BETTER

125 ✓

DRAWN

DAM 4/19/04

CHECKED

ENG. APPROVED

MFG. APPROVED

OTHER APPROVED

RELEASED

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Elwood Corporation - Gettys Group

2701 N. Green Bay Rd
Racine, WI, U.S.A.

TITLE

CABLE, 4 PAIR + DRAIN & SHIELD
24 AWG, 300 Vrms, 150°C

SIZE

A

SOLIDWORKS
CAD

PART NO

140-008-0019

SCALE NONE

EDN

040924

SHEET

1 OF 1

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DWG NO 140-008-0019

SH 1