

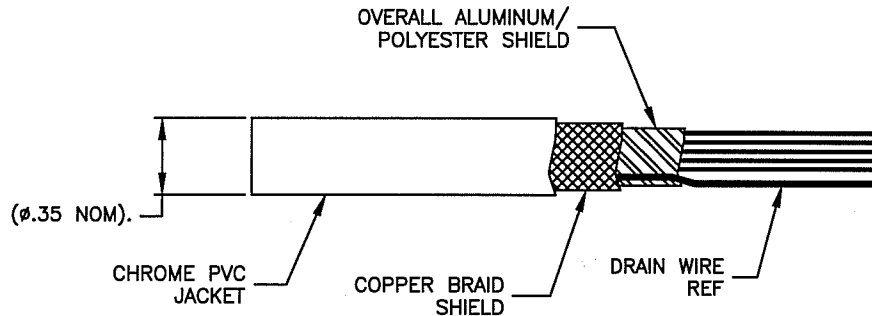
NOTES:

- 1) TINNED COPPER, FOAM POLYETHYLENE INSULATED, TWISTED PAIRS, OVERALL ALUMINUM-POLYESTER SHIELD, 24 AWG STRANDED TINNED COPPER DRAIN WIRE, OVERALL TINNED COPPER BRAID SHIELD (65% COVERAGE), CHROME PVC JACKET, MEETING 30 VOLT +80°C, UL 2919.
- 2) MARK CABLE EVERY TWO FEET MAXIMUM WITH THE FOLLOWING INFORMATION:
BEI 37048-003 (UL) CM 3PR24 1PR22 SHIELDED OR AWM 2919 LOW VOLTAGE DATA CABLE. WWW.BEIIED.COM.

FEATURES:

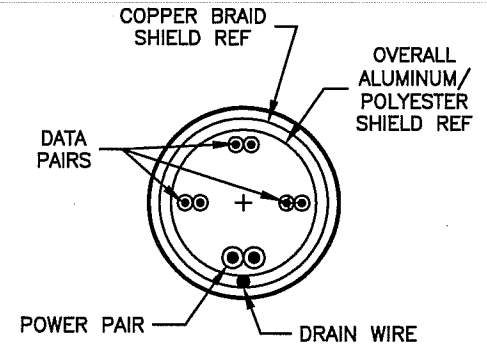
- 1) BEI STANDARD CONDUCTOR COLOR CODE
- 2) RECOMMENDED FOR USE IN CE APPLICATIONS.
- 3) RATED TO UL 2919, 80°C, 30V.
- 4) 100 AND 500 FT, CONTINUOUS STANDARD SPOOLS.
- 5) LOW CAPACITANCE DATA PAIRS (12pF/FT TYPICAL).
- 6) LOW RESISTANCE 22 AWG POWER PAIR.
- 7) INCLUDES FOIL SHIELD, BRAIDED SHIELD AND DRAIN WIRE.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
A	ADDED FEATURES		
B	Ø WAS .28 NOMINAL	1/23/03	
	REDRAW	2/1/05	
C	ECO_589 (22 AWG WAS 20; ADD Ø.35)	1/10/05	
C1	NOTE 2. 1PR22 WAS 1PR20	1/30/06	



PAIR	COLOR	FUNCTION	WIRE GAGE	STRANDING
PAIR 1	YELLOW WHT/YELLOW	A A-	AWG 24	7/32
PAIR 2	BLUE WHT/BLUE	B B-		
PAIR 3	ORANGE WHT/ORANGE	Z Z-		
PAIR 4	RED BLACK	+V OV	AWG 22	7/30

PART NUMBER	FT./ROLL (+5%/-0) CONTINUOUS
924-37048-003-100	100
924-37048-003-500	500



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
FRACTIONS DECIMAL ANGLES
± 1/84 .001 ±.01 ±07 30'
.000 ±.005

REMOVE BURRS AND BREAK
ALL SHARP EDGES .010 MAX.
ALL DIA. TO BE © WITHIN .010

MATERIAL

FINISH

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF BEI TECHNOLOGIES, INC.
ANY REPRODUCTION, USE OR DISCLOSURE OF THIS DOCUMENT WITHOUT WRITTEN CONSENT OF
BEI TECHNOLOGIES, INC. IS EXPRESSLY PROHIBITED.

CONTRACT NO.		BEI INDUSTRIAL ENCODER DIVISION BEI TECHNOLOGIES, INC.			
APPROVALS	DATE	CABLE, SHIELDED 4 PAIRS			
DRAWN DVC	9/30/98	SIZE	FSCM NO.	DWG. NO.	REV.
REDRAWN KRB	2/1/05	B	1RB90	924-37048-003-TAB	C1
APPROVED LGS	2-1-06	SCALE	NONE	FILE: 924-37048-003-TABC1.dwg	SHEET 1/1

