ACCESSORIES | CABLE REELS

37048-003-100 AND 37048-003-500

Introduction

Both 100' and 500' reels of encoder cable are available for your own custom wiring requirements. This high quality custom BEI standard cable consists of four, low capacitance twisted pairs with an overall shield, extra large conductors for power and signal ground; all within an abrasion-resistant PVC jacket.

Features

- BEI Standard color code
- Rated to UL 2919, 80° C, 30V
- 100 and 500 feet, continuous standard spools
- Low Capacitance data pairs (12 pF/Ft typical)
- Low resistance 22 AWG Power Pair
- Includes foil shield, braided shield and drain wire

Applications

- Recommended for use in CE applications
- Industrial wiring for factory automation
- Low capacitance reduces sensor loading
- Extra copper on power and ground reduces line losses.
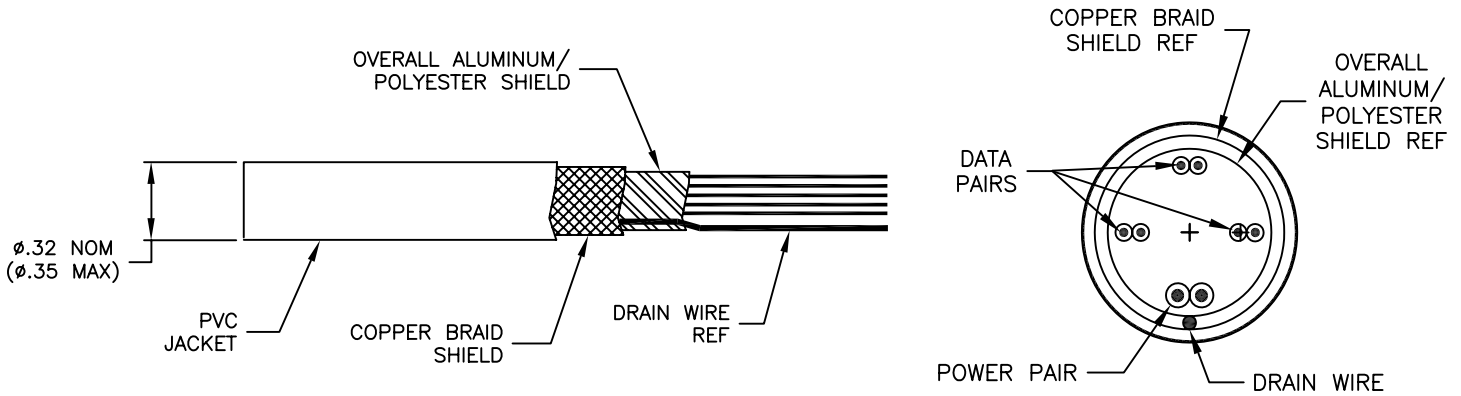- Twisted pairs and overall shield improve noise immunity

SPECIFICATIONS

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 0V	AWG 22	7/30

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BEISENSORS

DIMENSIONS
All dimensions are in inches

NOTES

1. Tinned copper, foam polyethylene insulated, twited pairs, overall aluminum- polyester shield, 24 AWG stranded tinned copper drain wire, overall tinned copper braid shield (65% coverage), gray 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. RoHS-II

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