

## MERCURY WIRE PRODUCTS, INC. SPENCER, MASSACHUSETTS

Manufacturers of Wire & Cable

### CABLE SPECIFICATION

MW#: 22721

ENGINEERED BY: DH/dh

DATE: 3/4/2008

SHEET 1 OF 2

**REVISION: A** 

#### 12/PAIR #24 AWG SHIELDED CABLE

**Conductors:** #24 AWG 41/40 tinned copper

**Insulation:** nominal .012" thickness, -60°C to 105°C TPE

**Note:** a dry lubricant is applied over all the elements in the cable for added flexibility.

Color Code: 1. Black-Red

2. Black-White

3. Black-Green

4. Black-Blue

5. Black-Yellow

6. Black-Brown7. Black-Orange

8. Red-White

9. Red-Green

10. Red-Blue

11. Red-Yellow

12. Red-Brown

Twisted Pair Construction: (24) #24 AWG conductors are twisted into (12) pairs.

<u>Cabling Construction:</u> (12) #24 AWG tw/prs are cabled together and the cable bundle is wrapped with an overall Non-woven tape.

**Fillers:** fillers may be used as required for roundness.

**Braid Shield:** minimum 90% coverage, #36 AWG tinned copper

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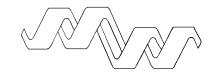
**Jacket:** nominal .035" thickness, UV Resistant -60°C to 105°C Black TPE

**Approximate OD:** .436"

PACKAGING: BULK PUT-UPS, LONGEST LENGTHS POSSIBLE, 3 LENGTHS PER REEL MAXIMUM UNLESS OTHERWISE SPECIFIED ON PURCHASE ORDER. DIFFERENT PACKAGING MAY INCUR ADDITIONAL COSTS.

THE PHYSICAL AND ELECTRICAL CHARACTERISTICS CONTAINED IN THIS CABLE SPECIFICATION ARE BELIEVED TO BE RELIABLE AND ARE DERIVED FROM VENDOR SUPPLIED DATA AND INDUSTRY STANDARDS. AS EACH APPLICATION IS UNIQUE, MERCURY WIRE CAN MAKE NO WARRANTIES AS TO THE SUITABILITY OF ANY PRODUCT FOR A PARTICULAR USE.

COMPANY NAME	
NAME (PRINTED)	DATE
NAME (SIGNATURE)	-



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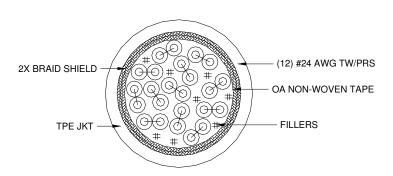
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SHEET 2 OF 2

REVISION: A

#### **Cross Section**



PACKAGING: BULK PUT-UPS, LONGEST LENGTHS POSSIBLE, 3 LENGTHS PER REEL MAXIMUM UNLESS OTHERWISE SPECIFIED ON PURCHASE ORDER. DIFFERENT PACKAGING MAY INCUR ADDITIONAL COSTS.

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