

MERCURY WIRE PRODUCTS, INC. SPENCER, MASSACHUSETTS

Manufacturers of Wire & Cable

CABLE SPECIFICATION

MW#: 24379

ENGINEERED BY: MA/HJC

DATE: 3/9/2008(3/10/11)

SHEET 1 OF 2

REVISION: 01

2/PAIR #24 AWG SHIELDED CABLE

Conductors: #24 AWG 41/40 tinned copper

Insulation: nominal .012" thickness, -60°C to 105°C TPE (300V)

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

Color Code:

1. Black-Red

Black-White

<u>Twisted, Shielded Pairs:</u> (2) #24 AWG conductors each are twisted into (2) pairs. Each pair is wrapped with an aluminum/polyester shield, foil facing in making contact with drain wire.

Electrical Characteristics:

Nominal Capacitance: 23 pF/ft **Nominal Impedance:** 68 Ohms

Drain Wire: #26 AWG 7/34 tinned copper

Separator: the twisted, shielded pairs are wrapped with a clear polyester tape for shield isolation.

<u>Cabling Construction:</u> (2) #24 AWG twister pairs 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

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

Jacket: nominal .036" thickness, UV Resistant -60°C to 105°C Black TPE (300V)

Nominal Cable Diameter: .304"

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 | | |
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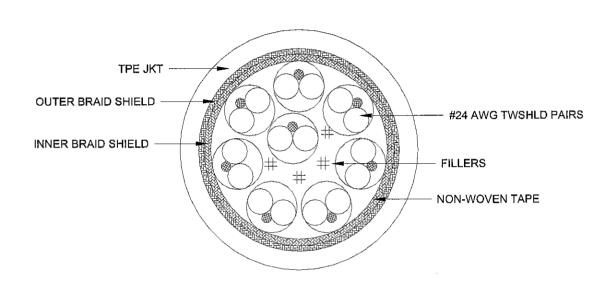
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SHEET 2 OF 2

REVISION: 01

This product is compliant with Directive 2002/95/EU (RoHS) based on information provided to Mercury Wire Products, Inc. by our raw material vendors.

Cross Section



Note:

Monitor cable core diameter @ cabling operation and measure to OD to see if it evaluates to 0.300" nominal.

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