



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
2.	Black-White

Twisted, Shielded Pairs: (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.

Cabling Construction: (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

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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.

ACCEPTED: _____	
COMPANY NAME	
_____	_____
NAME (PRINTED)	DATE

NAME (SIGNATURE)	

