



**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.

<b><u>Color Code:</u></b>	<ol style="list-style-type: none"> <li>1. Black-Red</li> <li>2. Black-White</li> <li>3. Black-Green</li> <li>4. Black-Blue</li> <li>5. Black-Yellow</li> <li>6. Black-Brown</li> <li>7. Black-Orange</li> <li>8. Red-White</li> <li>9. Red-Green</li> <li>10. Red-Blue</li> <li>11. Red-Yellow</li> <li>12. Red-Brown</li> </ol>
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**Twisted Pair Construction:** (24) #24 AWG conductors are twisted into (12) pairs.

**Cabling Construction:** (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.

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

