

## 3x2x24 AWG XLETFE S/STP with HTX Jacket

### HYBRID & COMPOSITE CABLES

**P/N 9024SB3101**

DEFENSE

#### Applications

Fixed or portable installation, Control and audio applications, Indoor



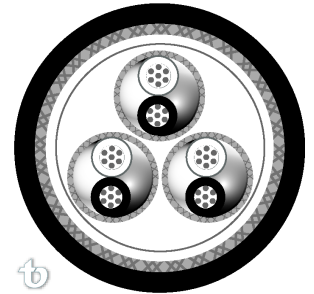
Outer Jacket Material  
HTX-125



Outer diameter  
9.4 mm nom.



Weight  
135 kg/km



#### General Construction

3 -24 AWG M27500-24SB2T23-9 XLETFE insulated twisted pairs, individual TC braid shielded and XLETFE jacketed, cabled together, overall tinned copper braid shielded and sheathed with a HTX compound.  
The cable has excellent abrasion, oil and chemical resistance.

#### Design & Materials

Conductor Material	Annealed Tinned Copper
Conductor Size (AWG)	24
Conductor Construction	19x0.127 mm
Insulation Material	XL ETFE -65°C to 150°C
Conductor Color Code	White x Black
Ind. Shield Material	Tinned-copper braid
Individual Braid Coverage (% nom)	85
Binder	Polyester
Overall Braid Shield	Yes
Overall Braid Material	Annealed Tinned Copper
Braid Coverage (% nom)	85
Inner Jacket Material	XLETFE
Inner Jacket Diameter (mm nom)	2.75
Inner Jacket Color	White
Total Number Of Conductor Units	3
Outer Jacket Thickness (mm nom)	1.3
Outer Jacket Color	Black
Marking	Per request

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#### Performance

Max. DC Resistance ( $\Omega/\text{km}@20^{\circ}\text{C}$ )	86.0
Dielectric Strength (V/minute)	500
Dielectric Strength to Shield (V/minute)	500
Voltage Rating (V)	600
Min. Operating Temperature ( $^{\circ}\text{C}$ )	-40
Max. Operating Temperature ( $^{\circ}\text{C}$ )	+125
UV Resistance	Yes

#### Standards

Flammability Rating  
IEC 60332-1

Applicable Standards  
RoHS 3 2015/863/EU



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