

8x24 AWG XL-ETFE STR 150 OBS Control Cable HYBRID & COMPOSITE CABLES P/N 90X2408101

DEFENSE

Applications

Fixed or portable installation, Control and audio applications, Indoor



Outer Jacket Material
STR-150



Outer diameter
4.7 mm nom.



Weight
50 kg/km



General Construction

8 - 24 AWG XL-ETFE insulated single cores, cabled concentrically, overall copper braid shielded and jacketed with a STR 150 compound.

The jacket material is for -40°C to 150°C use and has excellent resistance to abrasion, heat, oil and fuels.

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
Insulation O.D. (mm nom)	0.94
Conductor Unit Identification	Numbered
Conductor Color Code	White
Binder	Polyester
Overall Shield Material	Tinned-copper braid
Braid Coverage (% nom)	95
Outer Diameter (mm max)	15.0
Outer Jacket Thickness (mm nom)	0.5
Outer Jacket Color	Black
Marking	Per request

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Performance

Max. DC Resistance (Ω /km@20°C)	85.9
Dielectric Strength (V/minute)	2000
Dielectric Strength to Shield (V/minute)	1000
Voltage Rating (V)	600
Min. Operating Temperature (°C)	-40
Max. Operating Temperature (°C)	+150
UV Resistance	Yes

Standards

Flammability Rating
 IEC 60332-1
 UL 1581 VW-1

Applicable Standards
 RoHS 3 2015/863/EU



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