

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	UPDATE 11-8-2023JL	11/08/2023	J. LEE

DESCRIPTION:	ETHERNET CABLE
CONDUCTOR:	8 x 24 AWG (19/36) SILVER PLATED COPPER ALLOY, 0.0235" +/- 0.0025" DIAMETER
INSULATION:	EXTRUDED FOAMED FEP, 0.038" +/- 0.002" DIAMETER
COLORS:	1. WHITE/BLUE STRIPE & BLUE 2. WHITE/ORANGE STRIPE & ORANGE 3. WHITE/GREEN STRIPE & GREEN 4. WHITE/BROWN STRIPE & BROWN
CABLE:	CABLE (4) PAIRS WITH SPLINE
BINDER:	PTFE TAPE WRAP - 0.220" DIAMETER (NOM.)
SHIELD #1:	ALUMINUM MYLAR TAPE, FACING OUT - 0.225" DIAMETER (NOM.)
SHIELD #2:	BRAIDED SILVER PLATED COPPER, 95% COVERAGE (MIN.) - 0.241" DIAMETER (NOM.)
JACKET:	EXTRUDED FEP, TRANSLUCENT BLUE - 0.275" DIAMETER (NOM.), PRINT W-3510-26

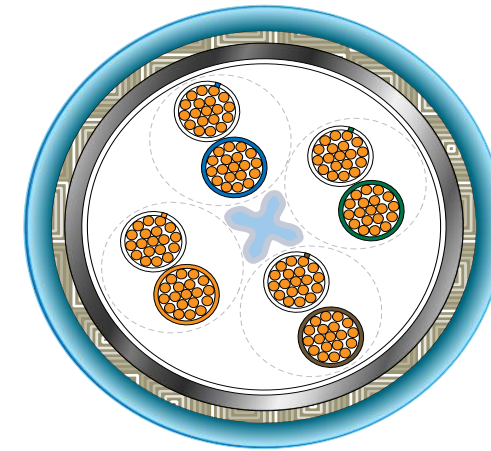


IMAGE NOT TO SCALE.
FOR REFERENCE ONLY.

Performance Characteristics	
IMPEDANCE:	100 OHMS (+/- 10%)
CAPACITANCE:	14.5 pF/ft.
TEMPERATURE RANGE:	-55°C TO +200° C
DIELECTRIC VOLTAGE RATING:	1.5 kV RMS
VELOCITY OF PROPAGATION:	70% NOMINAL
NEAR END CROSS TALK:	47.0 dB MINIMUM @ 10 MHz 32.0 dB MINIMUM @ 100 MHz
ATTENUATION:	3.1 dB/100 FT. NOMINAL @ 10 MHz 8.0 dB/100 FT. NOMINAL @ 100 MHz
FLAMMABILITY:	SHALL PASS FAA 25.869 / 25.853
WEIGHT:	42.5 LBS. / 1,000 FEET
DATA RATE:	1,000 BASE-T (MAXIMUM 268 FT OR 81.69 M)
MINIMUM BEND RADIUS	1.4 INCHES

DO NO SCALE THIS DRAWING ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCE: ANGLES ± 0.5° DEC. .XX ± 0.03 DEC. .XXX ± 0.010	DRAWN BY D. MILLER	DATE 11/08/2023	 www.silverstatewire.com
	CHECKED BY J. LEE	DATE 11/08/2023	
	APPROVED BY J. LEE	DATE 11/08/2023	
	APPROVED BY N/A	DATE N/A	
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SIZE A	CAGE CODE 01CV1	DWG NO. S-3510-26	REV C
SCALE NONE	WT N/A	SHEET 1 OF 1	