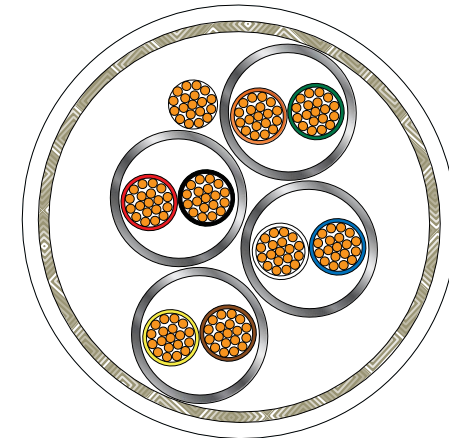


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	SEE EC45705JL10	04/10/2021	J. LEE

DESCRIPTION:	ETHERNET CABLE
CONDUCTOR:	24 AWG (19/36) SILVER PLATED HIGH STRENGTH COPPER ALLOY, 0.023" DIAMETER (NOMINAL)
COND. INSULATION:	COMPOSITE FLUOROPOLYMER
INSULATION COLORS: (PAIRS)	BLACK / RED ORANGE / GREEN BLUE / WHITE YELLOW / BROWN
CABLE:	4 SHIELDED PAIRS CABLED TOGETEHR WITH DRAIN WIRE
DRAIN:	24 AWG 19/36 SPA DRAIN WIRE
SHIELD (PAIRS):	EACH PAIR WRAPPED WITH ALUMINIZED FOIL, FACING OUT
SHIELD (OVERALL):	BRAIDED SILVER PLATED COPPER, 90% COVERAGE (MIN.) 0.28" DIAMETER (NOMINAL)
JACKET:	EXTRUDED FEP, WHITE, 0.300" DIAMETER (NOMINAL)



THIS IMAGE IS NOT TO SCALE
USE FOR REFERENCE ONLY

Performance Characteristics	
IMPEDANCE:	100 OHMS (+/- 10)
CAPACITANCE:	13 pF/ft. (Nominal)
TEMPERATURE RANGE:	-55°C TO +200° C
DIELECTRIC VOLTAGE RATING:	1.5 kV RMS
VELOCITY OF PROPAGATION:	80% NOMINAL
NEAR END CROSS TALK:	47.0 dB MINIMUM @ 10 MHz 32.0 dB MINIMUM @ 100 MHz
ATTENUATION:	2.0 dB/100 FT. NOMINAL @ 10 MHz 6.0 dB/100 FT. NOMINAL @ 100 MHz
STRUCTURAL RETURN LOSS:	23.0 dB/100 FT. NOMINAL @ 10 MHz 16.0 dB/100 FT. NOMINAL @ 100 MHz
FLAMMABILITY:	SHALL PASS FAA 25.869/25.853
WEIGHT:	64 LBS. / 1,000 FEET

PACKAGING

TO BE SUPPLIED ON BULK SPOOL

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 THIS DRAWING IS THE PROPERTY OF SILVER STATE WIRE & CABLE AND SHALL NOT BE REPRODUCED, COPIED, OR USED AS THE BASIS FOR THE MANUFACTURE OR SELL OF THIS DESIGN WITHOUT THE WRITTEN PERMISSION OF SILVER STATE WIRE AND CABLE.	DRAWN BY D. MILLER	DATE 01/07/2021	 www.silverstatewire.com			
	CHECKED BY J. LEE	DATE 01/07/2021		DESCRIPTION ETHERNET CABLE, 24 AWG		
	APPROVED BY J. LEE	DATE 01/07/2021	SIZE A	CAGE CODE 01CV1	DWG NO. J-5019-00514	REV D
	APPROVED BY N/A	DATE N/A	SCALE NONE	WT N/A	SHEET 1 OF 1	

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