

100 OHM, TWIN-AXIAL, 24 AWG, CABLE

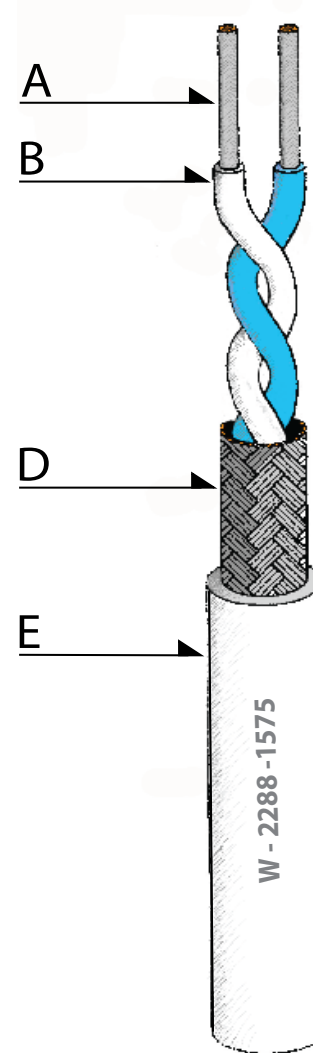
CONSTRUCTION DETAILS

A	CONDUCTORS:	24 AWG. (19X36) SILVER PLATED HIGH STRENGTH COPPER ALLOY, NOMINAL OUTER DIAMETER OF 0.024", +/- 0.005"
B	CONDUCTOR INSULATION:	EXTRUDED IRRADIATION CROSS-LINKED ETFE (WHITE & BLUE), NOMINAL OUTER DIAMETER OF 0.054", +/- 0.005"
	FILLER:	EXTRUDED IRRADIATION CROSS-LINKED ETFE (IF NEEDED; OPTIONAL)
D	SHIELD:	38 AWG TIN PLATED COPPER BRAID, 90% MINIMUM COVERAGE, NOMINAL DIAMETER OF 0.128", +/- 0.007"
E	JACKET:	EXTRUDED IRRADIATION CROSS-LINKED ETFE (WHITE), NOMINAL OVERALL DIAMETER OF 0.143", +/- 0.007", PRINTED: W-2288-1575

PERFORMANCE

TEMPERATURE:	-50° C TO +150° C
IMPEDANCE:	100 OHMS +/- 7
VELOCITY OF PROPAGATION (NOMINAL):	76%
ATTENUATION @ 100MHz PER 100 FEET:	10.53 dB
ATTENUATION @ 1 GHz PER 100 FEET:	53.87 dB
DIELECTRIC STRENGTH:	1200 VOLTS RMS
CAPACITANCE	13.9 pF / Foot
NOMINAL WEIGHT:	16.00 LBS. / 1,000 FEET
FLAMMABILITY:	SHALL PASS FAA FAR 25.853 / 869

For Internal USE: *The W in the jacket print identifies the manufacturing point



REVISIONS	—	11/1/2001	NEW RELEASE	THIS DRAWING IS THE PROPERTY OF SILVER STATE WIRE & CABLE, INC. AND SHALL NOT BE REPRODUCED, COPIED, OR USED AS THE BASES FOR THE MANUFACTURE OR SALE OF THIS DESIGN WITH OUT THE WRITTEN PERMISSION OF SILVER STATE WIRE & CABLE, INC.
	A	7/24/2002	UPDATES TO DRAWING DETAILS	
	B	10/7/2009	ADDED DETAILS TO PERFORMANCE	
				APPROVED BY: J. LEE
				DRAWN BY: R. LANE
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