

100 Ohm 24 AWG Quadrax Cable

CONSTRUCTION DETAILS

A	CONDUCTOR	24 AWG 19/36 SILVER PLATED HIGH STRENGTH COPPER ALLOY
B	INSULATION	EXTRUDED FOAMED FEP
C	CABLE	PLANETARY TWIST PER M17 WITH FILLER IN CORE
D	BINDER	PTFE TAPE WRAP
E	INNER SHIELD	ALUMINIZED MYLAR FACING OUT
F	OUTER SHIELD	BRAIDED SILVER PLATED COPPER- 95% MINIMUM COVERAGE
F	OUTER JACKET	EXTRUDED FLUORINATED ETHYLENE PROPYLENE (FEP) TRANSLUCENT BLUE MARKER TAPE UNDER JACKET TO READ: W-3508-26(GPS43-2)

DIAMETER (INCH) NOM.

0.024
0.052
0.116
0.125
0.131
0.148
0.172

PROPERTIES

TEMPERATURE	-55°C to 200°C
IMPEDANCE	100 OHMS ± 10
CAPACITANCE	13 pF/ft (NOM.)
VELOCITY OF PROPAGATION	80% (NOM.)
ATTENUATION	
@ 10 MHz	3.1 dB/100 ft. (nom.)
@ 100 MHz	8.0 dB/100 ft. (nom.)

DIELECTRIC STRENGTH	1,200 VOLTS rms
NEAR END	47.0 dB min @ 10 MHz
CROSS TALK	32.0 dB min @ 100 MHz
WEIGHT	26 LBS/1000 FEET (NOM.)

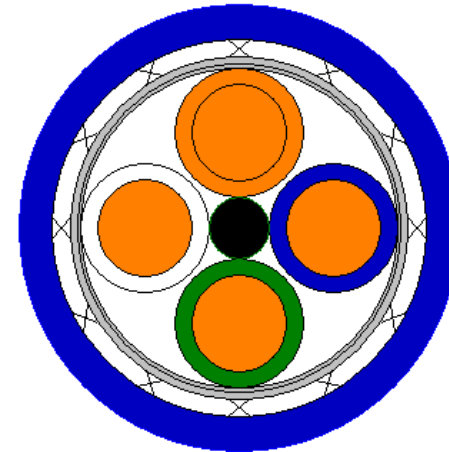
FLAMMABILITY: SHALL PASS FAA 25.869/25.853

CONDUCTOR COLORS

- 1 WHITE
- 2 ORANGE
- 3 BLUE
- 4 GREEN

PACKAGING

TO BE SUPPLIED ON BULK REELS
RANDOM FACTORY LENGTHS



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REVISIONS

A	9/30/2014	UPDATE
N/A	10/30/06	INITIAL RELEASE

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THE LEADER IN HIGH QUALITY WIRE AND CABLE

DRAWING NO: **W-3508-26**

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