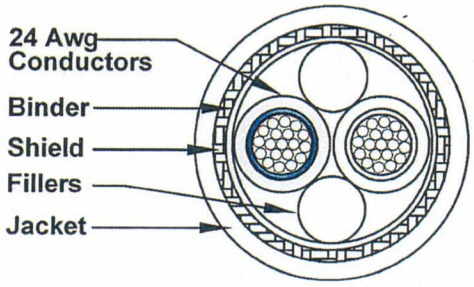
REVISIONS				
ECN	REVISION	DESCRIPTION OF CHANGE	APPROVED	DATE
116	NR	INITIAL RELEASE	CAC	6/4/19
146	A	ADDED P/N GF120-24CANB-1 ABOVE CABLE VIEW	CAC	8-26-19

GigaFlight P/N GF120-24CANB-1



CONSTRUCTION:

Conductors: (19 x 36) 24 AWG Silver plated high strength Copper alloy, .024 O.D. nominal

1st Insulation: Solid high temperature Fluropolymer .035 O.D. nominal Color: dark blue, white

2nd Insulation: Foamed high temperature Fluropolymer .057 O.D. nominal Color: natural, natural

Fillers: FEP

Binder: PTFE tape

Shield Silver plated copper flat braid 92% min. coverage, .128 O.D nominal

Jacket: White laser markable high temperature Tefzel .142 +/- .010

Jacket Marking: GIGAFLIGHT P/N GF120-24CANB-1

ELECTRICAL:

Impedance: 120 +/- 12 Ohms

Capacitance: 11.5 pF/ft nominal

Velocity of Propagation: 75% nominal

Attenuation: 1.0 dB/100ft maximum @ 1 MHz
2.0 dB/100ft maximum @ 6 MHz
2.7 dB/100ft maximum @ 10 MHz
7.4 dB/100ft maximum @ 100 MHz

Shield DCR: 13.3 Ohms/1000ft max @ 20° C

Dielectric Withstanding Voltage: 1.5 KV rms

DC Resistance: 28.1 Ohms/1000ft max @ 20° C

PHYSICAL:

Weight: 1.35 lbs/100ft nominal
Break Strength: 22.4 lbs minimum
Bend Radius: .76 inches
Temperature Range: -55° to 200° C

Environmental:

GigaFlight aerospace cables are designed to be Skydrol resistant, RoHS and REACH compliant and will meet Federal Aviation Regulations 14 CFR part 25.869 (a)(4) Amendent 25-113, Appendix F part I(a)(3).

DESIGNED BY:	DATE:	CHECKED BY:	DATE:	APPROVED BY:	DATE:
C CHAPMAN	7/1/2019	B HACKETT	6/3/2019	B HACKETT	6/3/2019

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS ARE IN INCHES.
ALL DIMENSIONS ARE FOR REFERENCE ONLY.

GIGAFLIGHT CONNECTIVITY INC
6180 Industrial Ct. Greendale WI, 53129
Tel: 414-488-6320 Fax: 414-433-9041

DESCRIPTION:
CUSTOMER SPECIFICATION
24 AWG 120 OHM
LASER MARKABLE CAN Bus CABLE

CAGE CODE:	DRAWING NUMBER:	SHEET:
8A8D5	GF120-24CANB-1C	1 OF 1