



MATERIAL RoHS COMPLIANT:

1. CABLE:

CONDUCTOR: 30AWG SOLID SILVER PLATED COPPER, 0.320mm DIAMETER.
INSULATION: 0.3048mm OF FOAM POLYOLEFIN, 0.939mm DIAMETER, COLOR-NATURAL.
PAIR: 2 SINGLES LAID FLAT AND PARALLEL.
PAIR DRAIN WIRE: 30AWG SOLID SILVER PLATED COPPER.
PAIR SHIELD: ALUMINUM/POLYESTER TAPE. ALUMINUM SIDE FACING IN, 25% OVERLAP.
INNER SHIELD: ALUMINUM/POLYESTER TAPE, ALUMINUM SIDE PACING OUT, 25% OVERLAP.
OUTER SHIELD: 38AWG TIN PLATED COPPER BRAID, 85% COVERAGE.
DIAMETER: 7.874mm NOMINAL.
PRINT LEGEND: "MADISON CABLE CORP. TYPE CL2 75°C 28AWG (UL) TurboTwin™ LEAD-FREE"
DIFFERENTIAL IMPEDANCE: 100±5 OHMS @TDR
UL LISTING: TYPE CL2 AS SPECIFIED IN ARTICLE 725 OF THE NATIONAL ELECTRICAL CODE.

2. CONNECTOR & HOOD:

P1 & P2 : INFINIBAND 4X PLUG
(1) HOUSING- ZINC DIE CAST
(2) CONTACTS- 30u" INCHES GOLD PLATING

3. FOR CX4 3.125G

WIRING DIAGRAM			
P1		P2	
PIN NO.	SIGNAL	PIN NO.	SIGNAL
G1 - G9	GROUND	G1 - G9	GROUND
S1	RX0+	S16	TX0+
S2	RX0-	S15	TX0-
S3	RX1+	S14	TX1+
S4	RX1-	S13	TX1-
S5	RX2+	S12	TX2+
S6	RX2-	S11	TX2-
S7	RX3+	S10	TX3+
S8	RX3-	S9	TX3-
S9	TX3-	S8	RX3-
S10	TX3+	S7	RX3+
S11	TX2-	S6	RX2-
S12	TX2+	S5	RX2+
S13	TX1-	S4	RX1-
S14	TX1+	S3	RX1+
S15	TX0-	S2	RX0-
S16	TX0+	S1	RX0+
CONNECTOR SHELL		CONNECTOR SHELL	

IFBX2-080830-M1M-LF
LEADFREE

RoHS Compliant

MORE THAN ALL
CONNECTORS
ASSEMBLIES

煜倫股份有限公司

PART NO. IFBX2-080830-M1M

DWG NO. IFBX2-080830-M1M

FILE NO.

UNIT / mm

SCALE 1:1

CHECKED BY CY

DRAWING BY

PROJECTION



TOLERANCES ARE

X. ±
.X ±
.XX ±
.XXX ±
ANG

DESCRIPTION:

AREA

REVISIONS

DATE