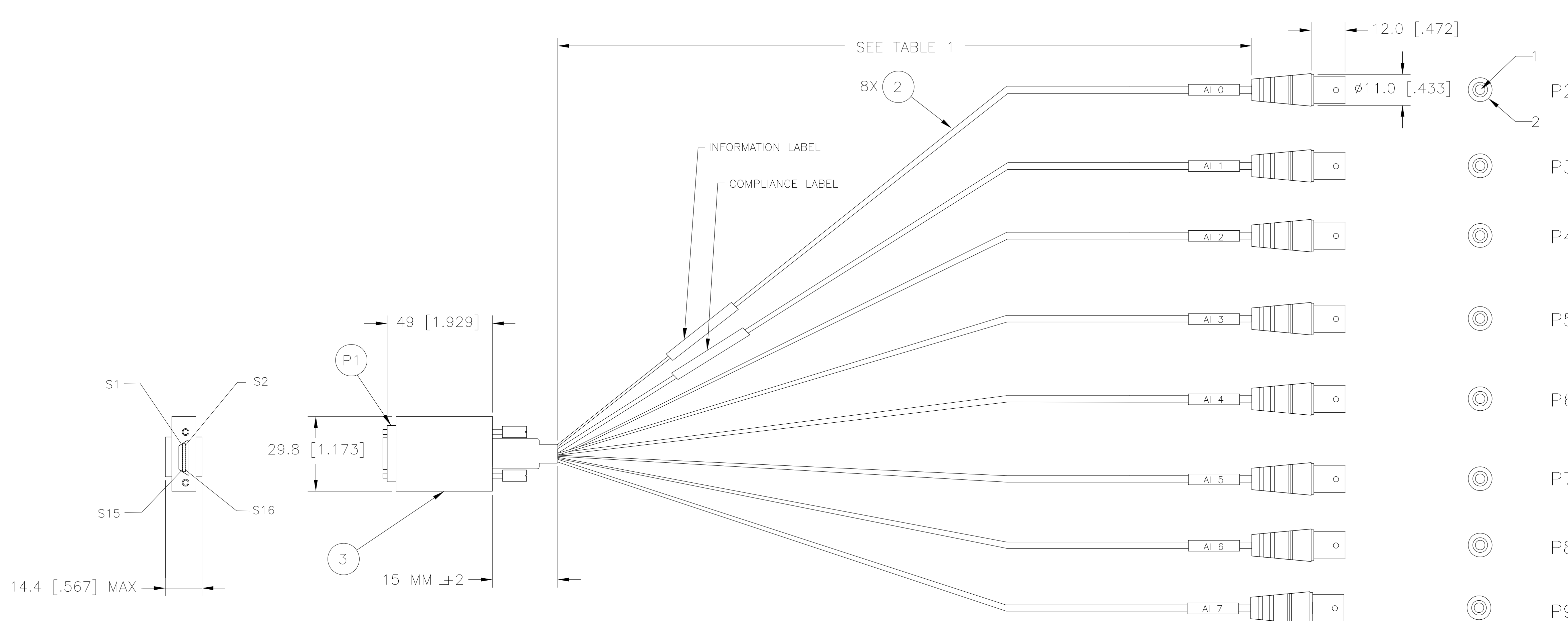


CUSTOMER DRAWING COMPATIBILITY			
REV	DESCRIPTION	DATE	APPROVED
A	DRAWING NOT COMPATIBLE, OBSOLETE	03/11/08	
B	DRAWING NOT COMPATIBLE, OBSOLETE	12/04/20	
C	DRAWING COMPATIBLE, RELEASED	02/20/24	

LENGTH	TOLERANCE
<2M	+50MM/-0MM
2 TO 5M	+100MM/-0MM
>5M	+150MM/-0MM



REF DES	DESCRIPTION
P1	4X INFINIBAND MALE CONNECTOR
P2, P3, P4, P5, P6, P7, P8, P9	BNC CABLE JACK, 50 OHMS
3	4X INFINIBAND BACKSHELL KIT WITH JACKSCREWS

REF DES	CONSTRUCTION	CONDUCTORS	INSULATION	JACKET
2	8X 2 UNSHIELDED STRAIGHT CONDUCTORS WITH OVERALL SHIELD	28 AWG TINNED STRANDED COPPER 7/0.127MM	0.58MM ϕ HDPE	2.1MM ϕ PVC

CABLE	P1	COLOR	SIGNAL	P2	P3	P4	P5	P6	P7	P8	P9
1	S15	WHITE	A10+	1							
	S16	RED	A10-	2							
	G8	SHIELD									
2	S13	WHITE	A11+		1						
	S14	RED	A11-		2						
	G7	SHIELD									
3	S11	WHITE	A12+			1					
	S12	RED	A12-			2					
	G6	SHIELD									
4	S9	WHITE	A13+				1				
	S10	RED	A13-				2				
	G5	SHIELD									
5	S7	WHITE	A14+					1			
	S8	RED	A14-					2			
	G4	SHIELD									
6	S5	WHITE	A15+						1		
	S6	RED	A15-						2		
	G3	SHIELD									
7	S3	WHITE	A16+							1	
	S4	RED	A16-							2	
	G2	SHIELD									
8	S1	WHITE	A17+								1
	S2	RED	A17-								2
	G1	SHIELD									

CONNECTOR	LABEL
P2	AI 0
P3	AI 1
P4	AI 2
P5	AI 3
P6	AI 4
P7	AI 5
P8	AI 6
P9	AI 7

² PRODUCT AND COMPANY NAMES MENTIONED ARE TRADEMARKS OR TRADE NAMES OF THEIR RESPECTIVE COMPANIES.

1. REFER TO PRODUCT MANUAL ON NI.COM FOR MORE DETAILS.

NOTES: UNLESS OTHERWISE SPECIFIED.

METRIC

CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS AND [INCHES]

DO NOT SCALE DRAWING
THIRD ANGLE PROJECTION

NI.COM AUSTIN, TEXAS	
TITLE INFINIBAND 4X-8BNC AI 0-7	
SIZE D 7U296	DRAWING NO. 197122-XX
SCALE: 1/1	SHEET 1 OF 1