



WIRE LIST						
PAIR	P1	P2	SIGNAL	COND.	COLOR	NOTES
0	1	1	A	C0	YELLOW	
	2	2	B	C1	BLUE	
	NC	NC	CHSGND	SHIELD_0	N/A	SHORTED IN CABLE TO OUTER SHIELD
N/A	3	3	I (REF)	C2	WHITE	
1	4	4	C	C3	ORANGE	
	5	5	D	C4	PURPLE	
	NC	NC	CHSGND	SHIELD_1	N/A	SHORTED IN CABLE TO OUTER SHIELD
2	6	6	E	C5	GRAY	
	7	7	F	C6	RED	
	NC	NC	CHSGND	SHIELD_2	N/A	SHORTED IN CABLE TO OUTER SHIELD
N/A	8	8	J (AUX)	C7	BLACK	
3	9	9	G	C8	BROWN	
	10	10	H	C9	GREEN	
	NC	NC	CHSGND	SHIELD_3	N/A	SHORTED IN CABLE TO OUTER SHIELD
N/A	SHELL	SHELL	CHSGND	OUTER SHIELD	SHIELD/DRAIN	

TABLE 1	
LENGTH	TOLERANCE
<2M	+5CM/-0CM
2 TO 5M	+10CM/-0CM
>5M	+15CM/-0CM

CONNECTORS AND HARDWARE <sup>2</sup>	
REF DES	DESCRIPTION
P1,P2	HIROSE IX INDUSTRIAL CONNECTOR, FEMALE, TYPE B OR EQUIVALENT

CABLE DETAILS				
REF DES	CONSTRUCTION	CONDUCTORS	INSULATION	JACKET
1	4 SHIELDED TWISTED PAIRS, 2 UNSHIELDED STRAIGHT, WITH OVERALL SHIELD	24 AWG TINNED STRANDED COPPER (41/0.08MM, 0.60MM OD)	0.23MM THICK SRPVC, 1.10MM OD	0.60MM THICK PVC, 7.00MM OD

**METRIC**

CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS AND [INCHES]

NI.COM  
AUSTIN, TEXAS

DO NOT SCALE DRAWING  
THIRD ANGLE PROJECTION

TITLE  
IXBF-IXBF DIFF

SIZE CODE IDENT NO. MM/DD/YYYY  
D 7U296 08/19/2021

SCALE: 1/1 SHEET 1 OF 1

<sup>2</sup> 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.