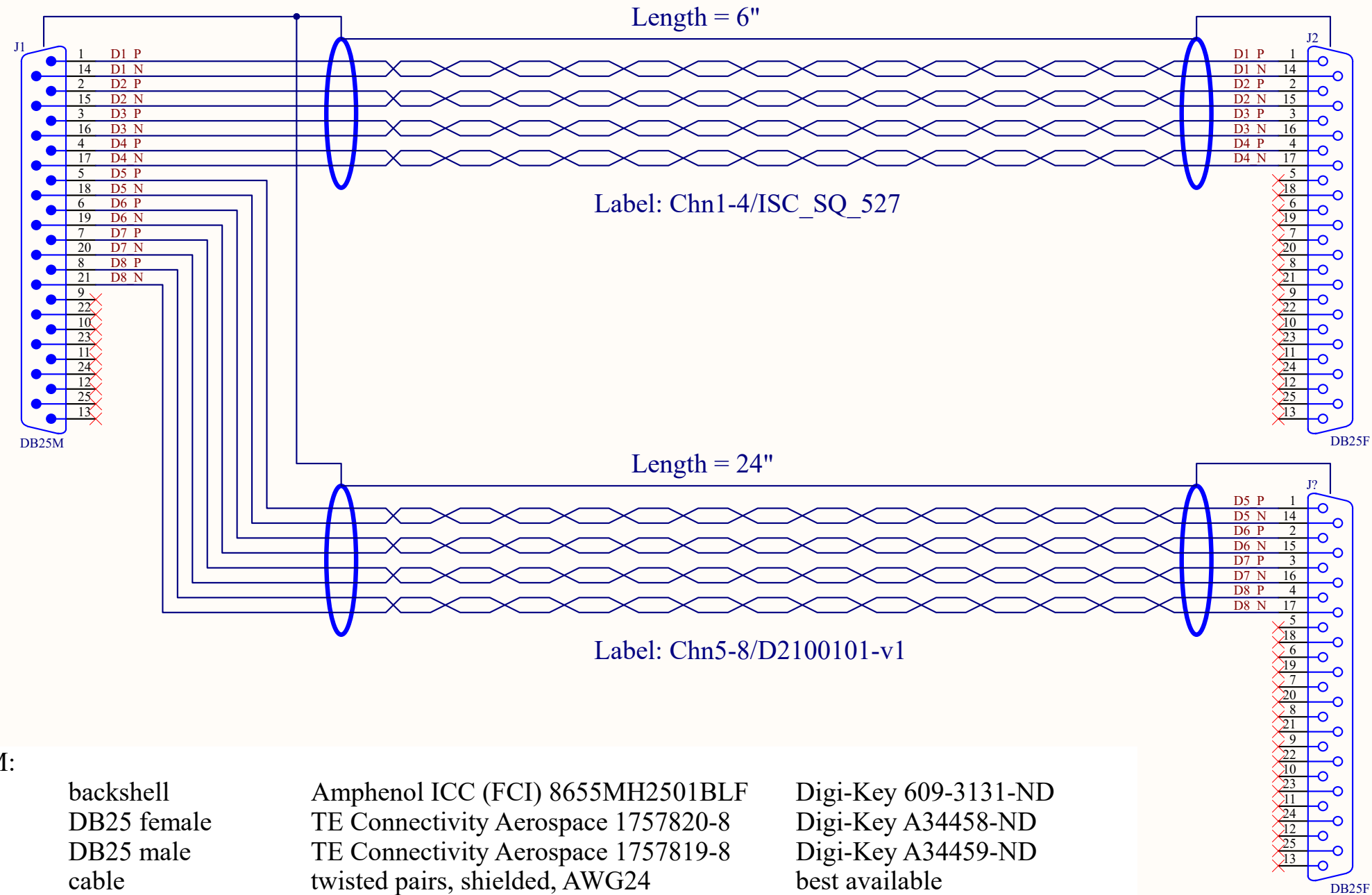


Cable is shielded twisted pairs AWG20-24

Shield connected on all ends



BOM:

3	backshell	Amphenol ICC (FCI) 8655MH2501BLF	Digi-Key 609-3131-ND
2	DB25 female	TE Connectivity Aerospace 1757820-8	Digi-Key A34458-ND
1	DB25 male	TE Connectivity Aerospace 1757819-8	Digi-Key A34459-ND
30"	cable	twisted pairs, shielded, AWG24	best available

Notes:

All ground to back shell connections will need to be soldered to the back shell instead of just being clamped.
 Label the short cable extension with "Chn1-4/ISC-SQ_527" and the other with "Chn5-8/D2100101-v1".

Title			
Picomotor Y-cable			
Size	Number	Revision	
B	D2100101	1	
Date:	2/23/2021	Sheet 1	of
File:	C:\Users\...\ISC_SQ_527.SchDoc	Drawn By:	Daniel Sigg