



MWDM2L-9SSB

J2, J3 - 9 Pin Fem micro-dsub



MDM-BT-9TE-SJS

J2, J3 - 9 Pin micro-dsub Backshell



J1 - UHV Connector 25D Male
PEEK PN 100421

PEEK PN 100465

D25 with 4 - 1/4" O.D. Tubes

MSC # 87872057

Drain Wire must be added between the copper braid and tube to connect to the pins

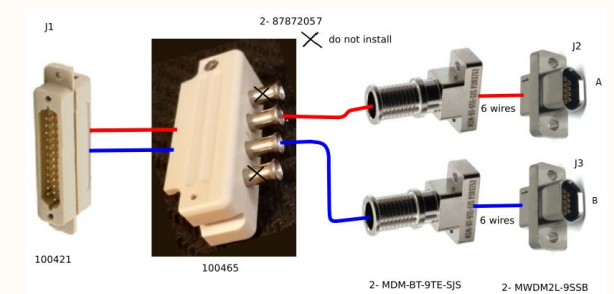


1/4" Tube OD Stainless Steel Compression Tube Insert MSC # 87872057

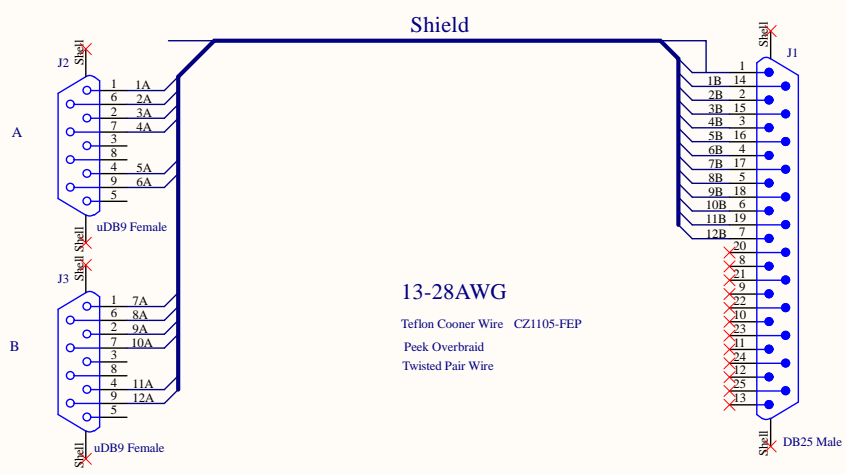
Only 2 1/4 tubes are installed in this assembly

The Accuglass strain relief peek pn 100465

The band clamps are Micro Band Clamps PN 601-025 from Glenair



Pin Information	
J1 pin 1 to Shield	Connect cable Shield as pic
J1 pin 14 to J2 pin 1	Twisted Pair 1
J1 pin 2 to J2 pin 6	Twisted Pair 1
J1 pin 15 to J2 pin 2	Twisted Pair 2
J1 pin 3 to J2 pin 7	Twisted Pair 2
J1 pin 16 to J2 pin 4	Twisted Pair 3
J1 pin 4 to J2 pin 9	Twisted Pair 3
J1 pin 17 to J3 pin 1	Twisted Pair 4
J1 pin 5 to J3 pin 6	Twisted Pair 4
J1 pin 18 to J3 pin 2	Twisted Pair 5
J1 pin 6 to J3 pin 7	Twisted Pair 5
J1 pin 19 to J3 pin 4	Twisted Pair 6
J1 pin 7 to J3 pin 9	Twisted Pair 6



Title		Last Edited: 2/8/2021	
BOSEM Cable with 2 9pin micro-dsubs		LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology	
Size: B	DCC Number: D2100050-v1	Revision: v1	Engineer: L.Sanchez
Date: 2/8/2021		Time: 4:00:14 PM	
Sheet 2 of 2			

File: C:\Users\Public\Documents\Altium\Projects\BOSEM 2 con\BOSEM Cable 2 connectors.SchDoc