NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ASSEMBLE CONNECTORS PER THE MANUFACTURER'S INSTRUCTIONS.

2. SIZING OF SHRINK SLEEVING AND/OR POLYESTER BRAID TO BE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS. SHRINK SLEEVING AND/OR POLYESTER BRAID TO BE INSTALLED TO PROTECT WIRES FROM DAMAGE. POLYESTER BRAID TO HAVE SHRINK SLEEVING OVER ENDS. WIRES ARE TO BE CONSTRAINED A MINIMUM OF 3 INCH INTERVALS.

3. ALTERNATIVE OR SUBSTITUTE PARTS AND/OR MATERIALS ARE ACCEPTABLE WITH PRIOR WRITTEN APPROVAL. ALTERNATIVE CONSTRUCTION USING COMPARABLE MULTICONDUCTOR CABLE IS ACCEPTABLE, IN LIEU OF SEPARATE WIRES AND SLEEVING OR BRAID.

4 THE CABLE SHALL BE MARKED WITH THE PART NUMBER, REVISION OF THIS DRAWING AND DATE CODE IN .12 MINIMUM HEIGHT, ARIAL FONT CHARACTERS. MARKING TO BE LOCATED APPROXIMATELY WHERE SHOWN.

5 PERMANENT MARK EACH CONNECTOR WITH REFERENCE DESIGNATOR SHOWN IN .12 MINIMUM HEIGHT CHARACTERS. MARKING TO BE LOCATED APPROXIMATELY WHERE SHOWN.

6. PACKAGE TO ENSURE PROTECTION FROM CONTAMINATION AND DAMAGE RESULTING FROM HANDLING, STORAGE OR SHIPPING.

7. 100% CONTINUITY AND SHORT TESTING IS REQUIRED. TEST REPORT(S) AND/OR TEST CERTIFICATES OF COMPLIANCE IS REQUIRED FOR EACH LOT.

8 LENGTH IN TABLE IS FOR REFERENCE ONLY. CUSTOMER REQUIREMENTS WILL HAVE DIFFERENT LENGTHS. DIMENSION SHOWN FOR BACK OF CONNECTORS IS FOR INSPECTION PURPOSES. ADJUST CUT LENGTH IN TABLE TO ACHIEVE THE INSPECTION DISTANCE.

9 DRAIN LINE TO BE SOLDERED TO BRAIDED SHIELD AT CONN2 (DB15) END AND TERMINATED AT SHELL OF CONN2 (DB15). ENCAPSULATE SOLDER JOINT WITH SHRINK TUBING. THIS JOINT SHOULD BE INSIDE OF DB15 BACKSHELL.

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	D	SEE ECO PH033111	7/7/2011	JSE
	E	SEE ECO KJ053112-B	06/01/2012	KLJ
	F	SEE ECO KJ021714-A	02/17/2014	KLJ

TEST CABLE, NOT CERTIFIED FOR USE IN VEHICLE

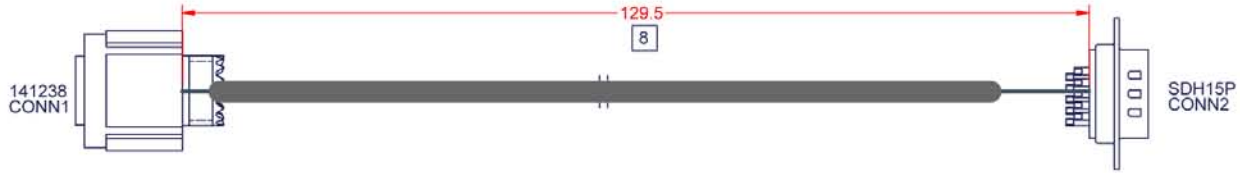
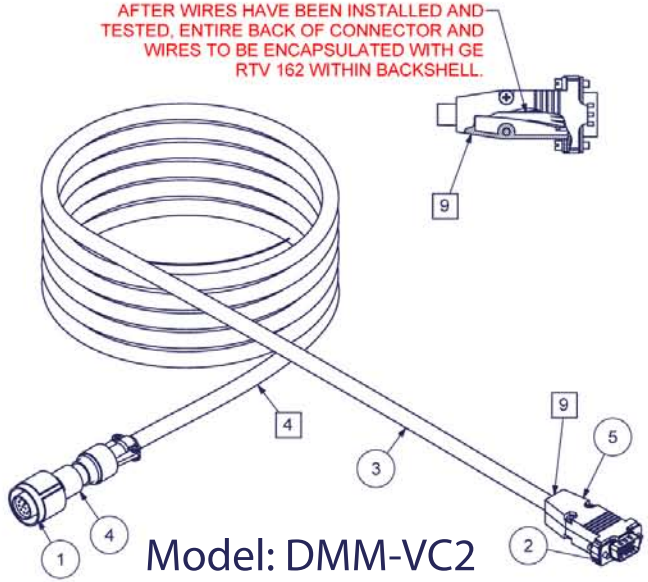


Table									
Cable ID	Wire ID	Color Style	Length 8	Refdes 1	RefDes1 Pins	Refdes 2	RefDes2 Pins	Coax	Twisted Pair
VIDEO COMPOSITE	RED	Red	129.5	CONN1	1	CONN2	1	RED	
VIDEO COMPOSITE	RED-GND	Wire Sleeve	129.5	CONN1	2	CONN2	6	RED	
VIDEO COMPOSITE	GREEN	Green	129.5	CONN1	3	CONN2	2	GREEN	
VIDEO COMPOSITE	GREEN-GND	Wire Sleeve	129.5	CONN1	4	CONN2	7	GREEN	
VIDEO COMPOSITE	BLUE	Blue	129.5	CONN1	5	CONN2	3	BLUE	
VIDEO COMPOSITE	BLUE-GND	Wire Sleeve	129.5	CONN1	6	CONN2	8	BLUE	
VIDEO COMPOSITE	HSYNC	Black	129.5	CONN1	7	CONN2	13		1A
VIDEO COMPOSITE	SYN-GND	Brown (Flat)	129.5	CONN1	9	CONN2	10		1B
VIDEO COMPOSITE	VSYNC	Red	129.5	CONN1	8	CONN2	14		2A
VIDEO COMPOSITE	UNUSED	Orange	---	---	---	---	---		2B
VIDEO COMPOSITE	UNUSED	Yellow	---	---	---	---	---		3A
VIDEO COMPOSITE	UNUSED	Green	---	---	---	---	---		3B
VIDEO COMPOSITE	UNUSED	Blue	---	---	---	---	---		4A
VIDEO COMPOSITE	UNUSED	Violet	---	---	---	---	---		4B
VIDEO COMPOSITE	UNUSED	Gray (Dark)	---	---	---	---	---		5A
VIDEO COMPOSITE	UNUSED	White	---	---	---	---	---		5B

AFTER WIRES HAVE BEEN INSTALLED AND TESTED, ENTIRE BACK OF CONNECTOR AND WIRES TO BE ENCAPSULATED WITH GE RTV 162 WITHIN BACKSHELL.



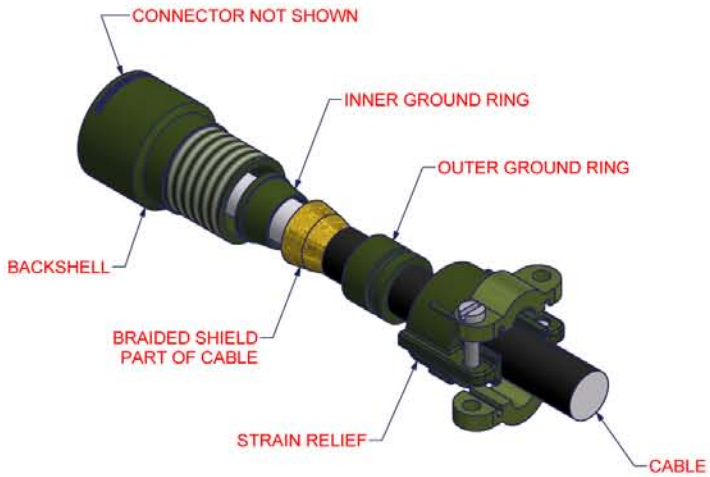
Model: DMM-VC2

ITEM	QTY	DESCRIPTION	REV	COMPANY
5	1	BACKSHELL D-SUB 9 POS or HD15		L-COM
4	1	EMI/RFI BACKSHELL, NON-ENVIRONMENTAL		GLENAIR
3	129.750 in	VGA COMPOSITE CABLE, 3 COAX, 5 TWISTED PAIRS, SHIELDED		HITACHI
2	1	D-SUB CONNECTOR, 15 POS MALE, SOLDER CUP		L-COM
1	1	13 POS SOCKET CIRCULAR CONNECTOR		AMPHENOL

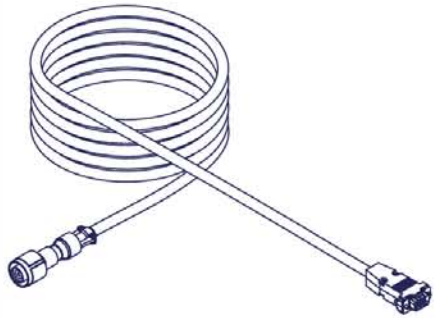
Parts List

i-TECH COMPANY

i-Tech Company LLC
TOLL FREE: (888) 483-2418 • EMAIL: info@iTechLCD.com • WEB: www.iTechLCD.com

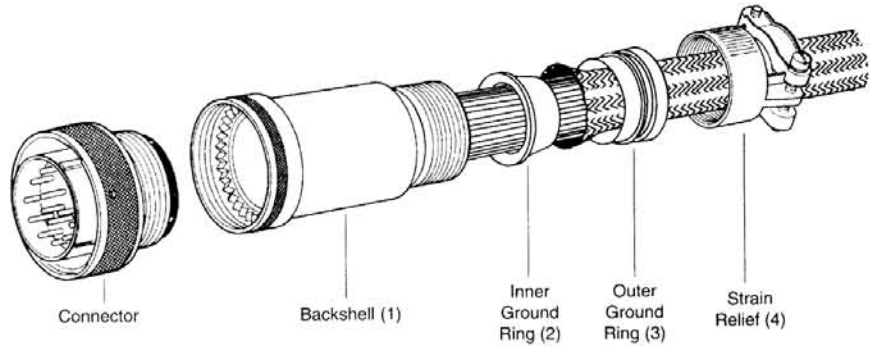


EMI/RFI BACKSHELL
ASSEMBLY DETAIL



Model: DMM-VC2

ASSEMBLY INSTRUCTIONS
TYPE A SHIELD TERMINATIONS



The following suggested procedure serves as a guide for proper assembly and installation of Glenair EMI/RFI Non-Environmental Backshells (Type A shield termination). It is recommended that trial samples of appropriate cables or harnesses be used to determine proper trim dimensions of the cable or harness, overall shield and individual conductors.

a. Temporarily assemble backshell (1) to connector.

b. Place ground rings (2,3) and strain relief (4) on cable in sequence shown. Keep these components at a convenient distance from the end of the cable, so they will not interfere with subsequent assembly steps.

c. Insert shielded cable or harness into backshell (1) and bottom against connector. Hold cable in position and mark cable shield at rear end of adapter.

d. Remove backshell from connector and place on cable with components in step (b) above.

e. Trim cable shield at mark made in step (c) above.

f. Prepare and terminate cable conductors in accordance with established practices.

g. Assemble backshell (1) to connector and tighten securely. Slide inner ground ring (2) into backshell (1) and bottom out.

h. Flare shield over tapered end of inner ground ring (2) and gently force cable toward connector until shield covers taper of ring.

i. Insert outer ground ring (3) into backshell (1) over shield.

j. Attach strain relief (4) to backshell and tighten securely. If provided, tighten strain relief saddles securely on cable.

NOTE: As with any electrical connector assembly procedure, be sure to use the proper tools. For convenient, reliable assembly of the connector and backshell, it is suggested that Glenair's connector holding tools, strap wrenches and connector pliers be used.

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