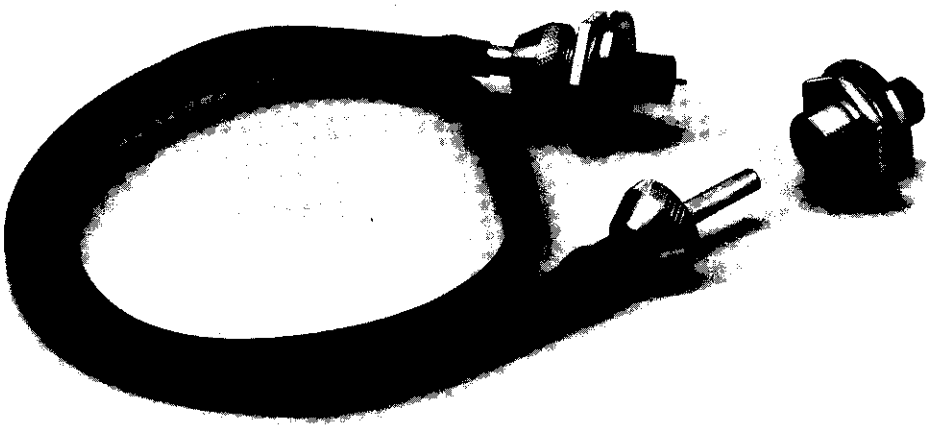
Various Specials (Continued)

Heavy Duty (VRL) RFI-Shielded Lead Assemblies and Receptacles

Product Facts

- **Extremely rugged design**
- **Fully shielded against RFI**
- **Operating and storage temperature range: -67°F to +257°F [–55°C to +125°C]**
- **Meets wide range of military requirements**
- **Metal housings can be readily altered to meet a wide variety of mounting and operational requirements**

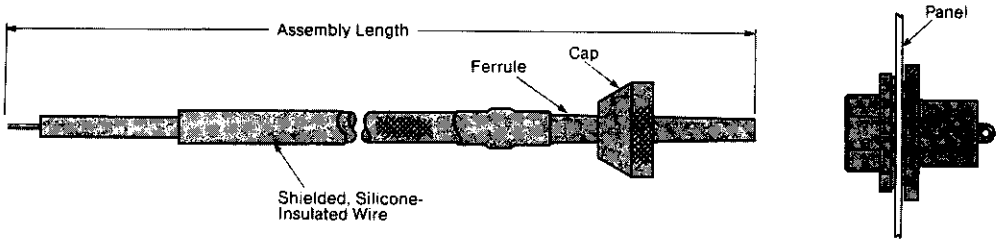


Versatile ruggedized LGH High Voltage Lead Assemblies and Receptacles are designed specifically for use where vibration, shock and handling conditions exist and are ideally suited for both industrial and military applications. This line of lead assemblies and receptacles carries the same voltage, current and altitude ratings as the corresponding standard LGH connector series when properly mated.

VRL cable assemblies feature the integrally molded end to provide positive mating and an excellent seal. They are completely shielded for RFI when mated with the appropriate receptacle.

The receptacles are of the molded glass epoxy type with a protective metal shroud that is hermetically sealed between plastic and metal. These receptacles mate with the single-end ruggedized lead assemblies shown in the same series.

Special designs also are available upon request if the standard VRL lead assembly and receptacle designs will not fulfill your immediate needs.



LGH Connector Series	Lead Assemblies			Receptacles		
	Length	Single End	Double End	Jam Nut	Square Flange	Dimensions
1/2 L 15 KVDC	**6** 152.4	862485-8	—	862295-1	862363-1	1/2-28 UNEF Thread .60 [15.24] Behind Panel .98 [24.89] Overall Length
	12 304.6	862485-3	862294-4			
	18 457.2	—	862294-3			
	36 914.4	—	1-862294-0			
1 L 25 KVDC	**12** 304.6	862484-7	862444-3	862443-1	862362-1	5/8-18 UNEF Thread 1.10 [27.94] Behind Panel 1.84 [46.74] Overall Length
	24 609.6	862484-4	—			
	36 914.4	862484-8	—			
4 50 KVDC	**12** 304.6	863124-1	863254-1	863125-1	863253-1	1-3/16-18 UNEF Thread 1.55 [39.37] Behind Panel 2.15 [54.61] Overall Length
	24 609.6	863124-2	863254-3			
	36 914.4	863124-3	—			
	48 1219.2	—	863254-4			

Catalog 1308940
Revised 5-03

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-141-810-8967