JR is a series of subminiature high voltage cable assemblies that are ideally designed to interconnect low power, mini-TWTs to a power supply in Radar or Electronic Countermeasure (ECM) systems. Since their introduction, these high contact density assemblies have also found applications in laser systems, photomultiplier detection systems, night vision systems, Space instruments and other applications where high voltage in a small package with a highly flexible cable harness is required.

JR Series connectors are only available as pre-assembled plug or receptacle cable assemblies. Each assembly is wired with Teledyne Reynolds’ Ready-to-Bond™ etched FEP or silicone coated, FEP cable. A braided shield or NOMEX® woven jacket is optional. The insulator is a thermoplastic on both the plug and receptacle, but the Advanced Interface Seals™ contained in the receptacle are silicone. The receptacle and plug bodies are nickel plated aluminum.

**PLUG CABLE ASSEMBLIES**

(Dimensions shown as in/mm)

4-pin, Single-Ended, Shielded
178-9718 Uses Wire 178-8111

6-pin, Single-Ended, Shielded
178-8363 Uses Wire 178-8111

6-pin, Single-Ended, In-line
700631 Uses Wire 178-8410

**RECEPTACLE CABLE ASSEMBLIES**

4-pin, Single-Ended, Shielded, Rear Mount
178-9719 Uses Wire 178-8111

6-pin, Single-Ended, Front Mount
178-8362 Uses Wire 178-8410

6-pin, Single-Ended, In-line
700630 Uses Wire 178-8410
Cable Assembly Ordering Information: All cable assembly cable lengths are to be specified in inches only. For example, to order part number 178-6027 with a cable length of 10 feet 8 inches the cable assembly part number would be specified as 178-6027-128N.

Note: Product numbers and specs subject to change without notice. Products listed represent only a small selection of Teledyne Reynolds’ products please visit www.teledynereynolds.com for the most up to date product information. Contact Teledyne Reynolds’ Engineering to discuss custom designs.

WARNING: Connectors should NEVER be handled mated or unmated when voltage is applied.