

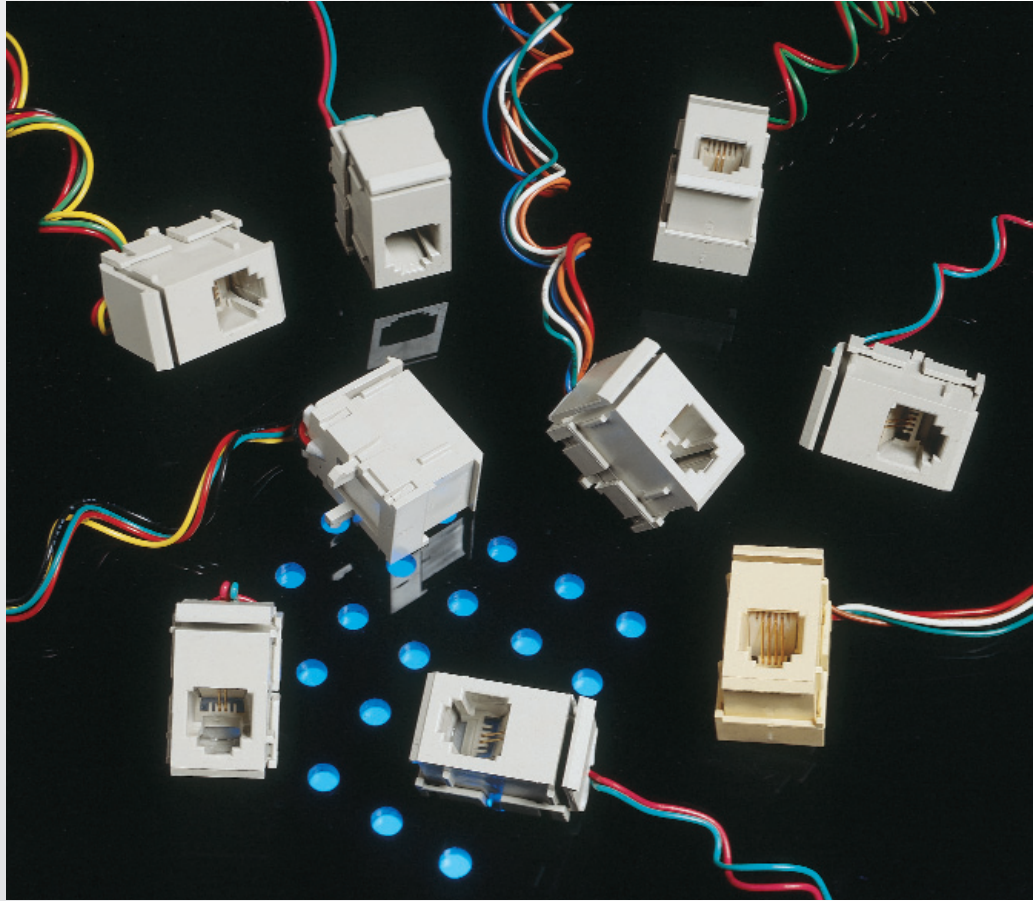
## Sealant Filled RJ Modular Jacks and Plugs

### TELECOM OUTSIDE PLANT

GelGuard sealant filled RJ modular jacks and plugs offer increased environmental protection for telephone jacks, a highly corrosion-prone component in the distribution loop. The jacks and plugs are filled with proven, GelGuard sealing gel, which exceeds the performance of grease-filled or grommeted products in corrosion prevention and preservation of signal quality.

The UL Listed snap-in plug/jack systems offer protection against product defects and corrosion-related failures. Compliant with the requirements for modular jacks and plugs in Telcordia specification GR-49-CORE, our sealed jacks and plugs exceed Telcordia's conditional requirements for withstanding salt fog testing and water immersion testing. These products are ideal for use in damp and/or corrosive conditions.

GelGuard sealing gel is used in many of our products to provide environmental protection for electrical connections. The gel conforms to irregular surfaces, displaces water, and provides a barrier against moisture and contaminant ingress. The gel-filled plugs can be removed and reinserted many times without reducing sealing effectiveness.



GelGuard

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### GelGuard Sealing Gel Performance Data

Property	Method	Value
Appearance		Clear
Specific Gravity	ASTM D792	0.97
Softening Temperature	TMA	>150°C
Operating Temperature Range		-40° to 110°C
Flammability	UL 94	Self-extinguishes. Burn time <1 minute
Volume Resistivity	ASTM D257	>10 <sup>12</sup> ohm-cm
Dielectric Strength	ASTM D149	>20 kV/mm
Copper Mirror Corrosion	ASTM D2671	None
Fungus Resistance	ASTM G21	0

*The above information is considered typical and is not intended for use as a specification.*

### Standard Product Configurations

Plugs	Product	Number of
Part Description	Type	Conductors
GLJK-PLUG6P2F-T-ST-C-X-G	6 Position	2
GLJK-PLUG6P4F-T-ST-C-X-A	6 Position	4

Jacks*	Product	End	Wire	Color	Number of
Part Description	Type	Type	Length (+.5)	Code	Conductors
GLJK-RJ11MOD-B-95-N	RJ11	Blunt	8.75	USOC	2
GLJK-RJ11MOD-S-80-N	RJ11	Spade	7.25	USOC	2
GLJK-RJ14MOD-B-95-N	RJ14	Blunt	8.75	USOC	4

\*Jacks are available with different wire lengths, end types and color codes. Please contact your local Tyco Electronics sales representative.

### Tyco Electronics Corporation

#### Telecom Outside Plant

8000 Purfoy Road  
Fuquay-Varina, NC 27526-9349  
Tel: 919 557-8900  
Fax: 919 557-8498  
www.tycoelectronics.com

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