

GS3 1650 – Copper splice closure sealing system

The GS3 1650 wrap-around splice closure system provides a fast, simple way to seal and encapsulate telephone cable splices in non-pressurized, buried cable.

GS3 1650 closure sealing sheet material is composed of several layers of specially blended polymers and gels and an aluminum moisture vapor barrier layer. The outer compression wrap provides excellent mechanical strength and provides superior protection from forces such as impact and abrasion.



The innovative Urethane Delivery System drives encapsulant into the core of the cable, providing protection superior to that of traditional poured urethane systems. The compact shape requires less than half the encapsulant of other closures. Filling is simple: no funnel is required. Re-entry is fast and easy.

No special splice supporting procedures are needed for installation. Furthermore, up to three cables can enter each end. No special endplates or complicated cutting is required. The GS3 1650 splice closure system accommodates a wide range of cable diameters; no minimum cable diameter is required.

The GS3 1650 splice closure system is available in diameters for cable sizes up to 3600 pair.

Features and benefits

- Fast and simple installation
- Uses less than half the encapsulant of other closures
- Fast and easy re-entry
- Accommodates a wide range of cable diameters
- Can be used for sheath repair

Specifications

General attributes & mechanical characteristics

Product description	Splice opening	Max. splice diameter	Approx. cable range (pairs)*	Approx. encapsulant required (grams)*
GS3-1650-S	12	1.10	6 - 25	500
GS3-1650-AA	9	2.20	25 - 100	500
GS3-1650-A	12	2.20	25 - 100	750
GS3-1650-B	12	3.75	100 – 300	2,250
GS3-1650-A2	21	2.20	25 – 200	1,500
GS3-1650-B2	21	3.75	200 – 400	3,000
GS3-1650-C2	21	5.30	600 – 900	5,000
GS3-1650-D2	24	7.10	900 – 2400	10,000
GS3-1650-A4	37	2.20	25 – 400	2,250
GS3-1650-B4	37	3.75	200 – 600	4,500
GS3-1650-C4	37	5.30	600 – 1800	9,000
GS3-1650-D4	37	7.10	900 – 3600	15,000
Maintenance Kit**	Unlimited	8.5	6 - 3600	

* Cable range and encapsulant required will vary depending upon cable, type of connector, and splice of configuration.

** Used for sheath repair.

RUS Listed, RUS Customers Please Note: Customers who purchase the GS3 1650 splice closure system from CommScope are not supplied with any encapsulant.



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