

## Sealing Devices for Ducted Cable Networks

### TELECOM OUTSIDE PLANT

Simplex entry seals effectively seal around and support conduits and cables in through-penetration openings. Seals are available in both round and square sizes for core drilled penetrations, such as building entrances or conduit openings, and square tile pipes. Simplex entry seals prevent leakage around conduits and cables entering structures of all kinds. Because of their split design, these plugs are retrofittable, removable, and reusable.

**Benefits:**

- Watertight and airtight
- Simple installation around in-place cables
- Excellent conduit or cable support
- Stainless steel fasteners
- Ideal for manholes, buildings and cabinets

The service life of cable, splices, manhole hardware and electronics can be increased when contact with moisture is reduced. Flooded underground structures can be accessed more quickly and easily when they are isolated and sealed from the inflow of water.

Simplex plugs feature standard sized fasteners made of stainless steel, easily installed with widely available tools, and are sized to fit the most commonly used core-drill bits, conduits, and conduit termination fittings.

For sealing around objects with diameters smaller than those specified, please refer to the Bushing Sleeve data sheet, contact Tyco Electronics' customer service center or your local Tyco Electronics' representative.



Simplex  
Entry Seals

# Simplex Entry Seals

## Sealing Devices for Ducted Cable Networks

### Round Simplex Entry Seals Sizes and Specifications

Part Number	Size	I.D. Range		O.D. Range		Std. Pkg. Quantity
	Inches	Inches	mm	Inches	mm	
21S136SG	2	1.98-2.08	50-53	1.18-1.36	30-35	50
25S136SG	2.5	2.34-2.50	59-64	1.18-1.36	30-35	50
25S157SG	2.5	2.34-2.50	59-64	1.36-1.57	35-40	50
30S136S	3	3.03-3.25	77-80	1.19-1.36	30-34	36
30S196SB	3	3.03-3.25	77-80	1.38-1.96	35-50	36
30S204S	3	3.03-3.25	77-80	1.92-2.04	48-52	36
30S136A	3.1	3.26-3.37	83-86	1.19-1.36	30-34	36
30S196AB	3.1	3.26-3.37	83-86	1.38-1.96	35-50	36
30S220AB	3.1	3.26-3.37	83-86	1.92-2.20	48-56	36
35S136S	3.5	3.49-3.65	89-93	1.19-1.36	30-34	24
35S196SB	3.5	3.49-3.65	89-93	1.38-1.96	35-50	24
35S256SB	3.5	3.49-3.65	89-93	1.92-2.56	48-65	24
40S136S	4	3.93-4.16	100-106	1.19-1.36	30-34	24
40S196SB	4	3.93-4.16	100-106	1.38-1.96	35-50	24
40S256SB	4	3.93-4.16	100-106	1.92-2.56	48-65	24
40S291SB	4	3.93-4.16	100-106	2.56-2.91	65-74	24
40S327SB	4	3.93-4.16	100-106	2.91-3.27	75-83	24
40S136A	4.1	4.16-4.34	106-110	1.19-1.36	30-34	24
40S196AB	4.1	4.16-4.34	106-110	1.38-1.96	35-50	24
40S256AB	4.1	4.16-4.34	106-110	1.92-2.56	48-65	24
40S315AB	4.1	4.16-4.34	106-110	2.56-3.15	65-80	24
40S327A	4.1	4.16-4.34	106-110	3.15-3.27	80-83	24
50S196SB	5	5.04-5.15	128-136	1.38-1.96	35-50	12
50S256SB	5	5.04-5.15	128-136	1.92-2.56	48-65	12
50S315SB	5	5.04-5.15	128-136	2.56-3.15	65-80	12
50S373SB	5	5.04-5.15	128-136	3.15-3.73	80-95	12
60S196SB	6	6.02-6.23	153-161	1.38-1.96	35-50	8
60S256SB	6	6.02-6.23	153-161	1.92-2.56	48-65	8
60S315SB	6	6.02-6.23	153-161	2.56-3.15	65-80	8
60S373SB	6	6.02-6.23	153-161	3.15-3.73	80-95	8
60S450SB	6	6.02-6.23	153-161	4.29-4.49	109-114	8

Note: I.D. Range column refers to the inside diameter of the area to be sealed. O.D. Range column refers to the outer diameter of conduit or cable being sealed around.

### Square Simplex Duct Plugs Sizes and Specifications

Part#	Nominal Size	I.D. Range		O.D. Range		Std. Pkg. Quantity
	Inches	Inches	mm	Inches	mm	
32S118SQ	3-1/4	3.25	83	1.03-1.18	26-30	24
32S196SQB	3-1/4	3.25	83	1.37-1.96	35-50	24
32S256SQB	3-1/4	3.25	83	1.92-2.56	48-68	24
32S291SQB	3-1/4	3.25	83	2.78-2.91	71-74	24
40S196SQB	4	4.00	102	1.37-1.96	35-50	24
40S256SQB	4	4.00	102	1.92-2.56	48-65	24
40S315SQB	4	4.00	102	2.56-3.15	65-80	24
42S102SQ	4-1/4	4.25	108	0.88-1.02	22-26	24
42S196SQB	4-1/4	4.25	108	1.37-1.96	35-50	24
42S256SQB	4-1/4	4.25	108	1.92-2.56	48-65	24
42S315SQB	4-1/4	4.25	108	2.56-3.15	65-80	24

Note: I.D. Range column refers to the inside diameter of the area to be sealed. O.D. Range column refers to the outer diameter of conduit or cable being sealed around.

### 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

Jackmoon is a trademark of Tyco Electronics Corporation.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, Tyco Electronics makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. Tyco Electronics' obligations shall only be as set forth in Tyco Electronics' Standard Terms and Conditions of Sale for this product and in no case will Tyco Electronics be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of Tyco Electronics products should make their own evaluation to determine the suitability of each such product for the specific application.