

FIBER OPTIC SIMPLEX PLUGS

Sealing Plugs for Small Diameter Ducts

Fiber Optic Simplex plugs effectively seal conduits containing one cable. Originally designed for applications involving fiber optic cable placement in subduct, this product is also ideal for sealing around coax or twisted pair cable in small diameter conduits. These plugs are retrofitable, removable, and reusable.

Proper sealing around cable in conduits and subducts is important to prevent the costly flooding of buildings and sedimentation of the area around the cable. These easily removable and reusable devices facilitate the redistribution of cable slack by ensuring a clear raceway around outside plant cables.

Features

- Water-tight and air-tight
- Simple installation around in-place cables
- Easy to retrofit
- Seals all types of innerducts
- Wide cable sealing range
- Installs and removes by hand



Note: When selecting a Fiber Optic Simplex plug:

1. Determine the inside diameter of the duct and select the range of plugs.
2. Determine the outside diameter of the cable (or innerduct) and select the correct plug in the range.

Part Number	Size	Duct I.D. Range		Cable or Duct O.D. Range	
		inches	mm	inches	mm
06S038S	0.600	0.63 - 0.71	16.0 - 18.0	0.33 - 0.39	8.4 - 9.9
06S038SB	0.600	0.63 - 0.71	16.0 - 18.0	0.27 - 0.39	6.9 - 9.9
06035SB	0.700	0.74 - 0.80	18.8 - 20.3	0.27 - 0.35	6.9 - 8.9
07S020SB	0.750	0.78 - 0.86	19.8 - 21.8	0.08 - 0.20	2.0 - 5.1
07S035SB	0.750	0.78 - 0.86	19.8 - 21.8	0.20 - 0.35	5.1 - 8.9
07S040SB	0.750	0.78 - 0.86	19.8 - 21.8	0.33 - 0.39	8.4 - 9.9
07S050SB-043H	0.750	0.78 - 0.86	19.8 - 21.8	0.31 - 0.50	7.9 - 12.7
07S057SB	0.750	0.78 - 0.82	19.8 - 20.8	0.35 - 0.57	8.9 - 14.5
09S050SB	0.900	0.92 - 1.02	23.4 - 25.9	0.35 - 0.50	8.9 - 12.7
09S050SB-043H	0.900	0.92 - 1.02	23.4 - 25.9	0.35 - 0.50	8.9 - 12.7
09S065SB	0.900	1.00 - 1.08	25.4 - 27.4	0.55 - 0.63	14.0 - 16.0
10S020SB	1.000	1.00 - 1.14	25.4 - 29.0	0.08 - 0.20	2.0 - 5.1
10S035S	1.000	1.00 - 1.14	25.4 - 29.0	0.27 - 0.35	6.9 - 8.9
10S035SB	1.000	1.00 - 1.14	25.4 - 29.0	0.20 - 0.35	5.1 - 8.9
10S057SB	1.000	1.00 - 1.14	25.4 - 29.0	0.35 - 0.57	8.9 - 14.5
10S065S	1.000	1.00 - 1.14	25.4 - 29.0	0.55 - 0.65	14.0 - 16.5
10S070SB	1.000	1.00 - 1.14	25.4 - 29.0	0.51 - 0.71	13.0 - 18.0
11S020SB	1.100	1.12 - 1.26	28.4 - 32.0	0.08 - 0.20	2.0 - 5.1
11S035SB	1.100	1.12 - 1.26	28.4 - 32.0	0.20 - 0.35	5.1 - 8.9
11S043S	1.100	1.12 - 1.26	28.4 - 32.0	0.35 - 0.43	8.9 - 10.9
11S057SB	1.100	1.12 - 1.26	28.4 - 32.0	0.35 - 0.57	8.9 - 14.5
11S070SB	1.100	1.12 - 1.26	28.4 - 32.0	0.51 - 0.71	13.0 - 18.0
11S078S	1.100	1.12 - 1.26	28.4 - 32.0	0.71 - 0.78	18.0 - 19.8
11S078SB	1.100	1.12 - 1.26	28.4 - 32.0	0.57 - 0.78	14.5 - 19.8

FIBER OPTIC SIMPLEX PLUGS CONTINUED

Part Number	Size	Duct I.D. Range		Cable or Duct O.D. Range	
		inches	mm	inches	mm
12S043S	1.250	1.22 - 1.36	31.0 - 34.5	0.35 - 0.43	8.9 - 10.9
12S043SB-024H	1.250	1.22 - 1.36	31.0 - 34.5	0.24 - 0.43	6.1 - 10.9
12S057SB	1.250	1.22 - 1.36	31.0 - 34.5	0.35 - 0.57	8.9 - 14.5
12S057S-FD1	1.250	1.22 - 1.36	31.0 - 34.5	Flat Drop .179 x .325 x 1	
12S057SB-043H	1.250	1.22 - 1.36	31.0 - 34.5	0.35 - 0.57	8.9 - 14.5
12S065S	1.250	1.22 - 1.36	31.0 - 34.5	0.55 - 0.65	14.0 - 16.5
12S065S-FD2	1.250	1.22 - 1.36	31.0 - 34.5	Flat Drop .179 x .325 x 2	
12S070SB	1.250	1.22 - 1.36	31.0 - 34.5	0.51 - 0.71	13.0 - 18.0
12S070SB-057H	1.250	1.22 - 1.36	31.0 - 34.5	0.51 - 0.71	13.0 - 18.0
12S078SB	1.250	1.22 - 1.36	31.0 - 34.5	0.57 - 0.78	14.5 - 19.8
12S090SB	1.250	1.24 - 1.34	31.5 - 34.0	0.71 - 0.90	18.0 - 22.9
12S090S-FD3	1.250	1.24 - 1.34	31.5 - 34.0	Flat Drop .179 x .325 x 3	
12S090SB-078H	1.250	1.24 - 1.34	31.5 - 34.0	0.71 - 0.90	18.0 - 22.9
13S043SB	1.375	1.37 - 1.50	34.8 - 38.1	0.12 - 0.43	3.0 - 10.9
13S043SB-024H	1.375	1.37 - 1.50	34.8 - 38.1	0.24 - 0.43	6.1 - 10.9
13S057SB	1.375	1.37 - 1.50	34.8 - 38.1	0.35 - 0.57	8.9 - 14.5
13S070SB	1.375	1.37 - 1.50	34.8 - 38.1	0.51 - 0.71	13.0 - 18.0
13S097SB	1.375	1.33 - 1.46	33.8 - 37.1	0.71 - 0.97	18.0 - 24.6
15S020SB	1.500	1.46 - 1.65	37.1 - 41.9	0.08 - 0.20	2.0 - 5.1
15S035SB	1.500	1.46 - 1.65	37.1 - 41.9	0.08 - 0.35	2.0 - 8.9
15S043SB	1.500	1.46 - 1.65	37.1 - 41.9	0.08 - 0.43	2.0 - 10.9
15S043SB-024H	1.500	1.46 - 1.65	37.1 - 41.9	0.24 - 0.43	6.1 - 10.9
15S057SB	1.500	1.46 - 1.65	37.1 - 41.9	0.35 - 0.57	8.9 - 14.5
15S057SB-043H	1.500	1.46 - 1.65	37.1 - 41.9	0.35 - 0.57	8.9 - 14.5
15S065SB	1.500	1.46 - 1.65	37.1 - 41.9	0.46 - 0.65	11.7 - 16.5
15S070SB	1.500	1.46 - 1.65	37.1 - 41.9	0.51 - 0.71	13.0 - 18.0
15S070SB-057H	1.500	1.46 - 1.65	37.1 - 41.9	0.51 - 0.71	13.0 - 18.0
15S090SB	1.500	1.55 - 1.65	39.4 - 41.9	0.71 - 0.90	18.0 - 22.9
15S090SB-078H	1.500	1.55 - 1.65	39.4 - 41.9	0.71 - 0.90	18.0 - 22.9
15S110SB	1.500	1.55 - 1.65	39.4 - 41.9	0.90 - 1.10	22.9 - 27.9
15S070AB	1.500	1.58 - 1.73	40.1 - 43.9	0.51 - 0.71	13.0 - 18.0
15S090AB	1.500	1.58 - 1.73	40.1 - 43.9	0.71 - 0.90	18.0 - 22.9
15S110AB	1.500	1.58 - 1.73	40.1 - 43.9	0.90 - 1.10	22.9 - 27.9
20S020SB	2.000	1.82 - 1.97	46.2 - 50.0	0.08 - 0.20	2.0 - 5.1
20S035SB	2.000	1.82 - 1.97	46.2 - 50.0	0.08 - 0.35	2.0 - 8.9
20S043SB-024H	2.000	1.82 - 1.97	46.2 - 50.0	0.24 - 0.43	6.1 - 10.9
20S043S	2.000	1.82 - 1.97	46.2 - 50.0	0.35 - 0.43	8.9 - 10.9
20S057SB	2.000	1.82 - 1.97	46.2 - 50.0	0.35 - 0.57	8.9 - 14.5
20S070SB	2.000	1.82 - 1.97	46.2 - 50.0	0.51 - 0.71	13.0 - 18.0
20S090SB	2.000	1.82 - 1.97	46.2 - 50.0	0.71 - 0.90	18.0 - 22.9
20S110SB	2.000	1.82 - 1.97	46.2 - 50.0	0.90 - 1.10	22.9 - 27.9
21S020SB	2.100	1.98 - 2.18	50.3 - 55.4	0.08 - 0.20	2.0 - 5.1
21S035SB	2.100	1.98 - 2.18	50.3 - 55.4	0.20 - 0.35	5.1 - 8.9
21S035S	2.100	1.98 - 2.18	50.3 - 55.4	0.27 - 0.35	6.9 - 8.9
21S043SB	2.100	1.98 - 2.18	50.3 - 55.4	0.35 - 0.43	8.9 - 10.9
21S050S	2.100	1.98 - 2.18	50.3 - 55.4	0.43 - 0.50	10.9 - 12.7
21S057SB	2.100	1.98 - 2.18	50.3 - 55.4	0.35 - 0.57	8.9 - 14.5
21S070SB	2.100	1.98 - 2.18	50.3 - 55.4	0.51 - 0.71	13.0 - 18.0
21S090SB	2.100	1.98 - 2.18	50.3 - 55.4	0.71 - 0.90	18.0 - 22.9
21S110SB	2.100	1.98 - 2.18	50.3 - 55.4	0.90 - 1.10	22.9 - 27.9
21S110AB	2.100	2.14 - 2.22	54.4 - 56.4	0.90 - 1.10	22.9 - 27.9