



Fiber Optic Simplex Plug

Sealing Plugs for Small Diameter Ducts

Features

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

Fiber optic simplex plugs effectively seal conduits containing one cable. Originally designed for applications involving fiber optic cable placement in subduct, this product is 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.

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 inner duct) and select the correct plug in the range.

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Ordering Information

Part Number	Product Descriptor*	Size	Duct ID Range		Duct OD Range	
			inches	mm	inches	mm
136808	JM-SIM-06S038SB	0.600	0.63 - 0.71	16.0 - 18.0	0.27 - 0.39	6.9 - 9.9
E62262	JM-SIM-06O035SB	0.700	0.74 - 0.80	18.8 - 20.3	0.27 - 0.35	6.9 - 8.9
A25290	JM-SIM-07S020SB	0.750	0.78 - 0.86	19.8 - 21.8	0.08 - 0.20	2.0 - 5.1
F11916	JM-SIM-07S035SB	0.750	0.78 - 0.86	19.8 - 21.8	0.20 - 0.35	5.1 - 8.9
D30443	JM-SIM-07S040SB	0.750	0.78 - 0.86	19.8 - 21.8	0.33 - 0.39	8.4 - 9.9
D43096	JM-SIM-07S050SB-043H	0.750	0.78 - 0.86	19.8 - 21.8	0.31 - 0.50	7.9 - 12.7
C00384	JM-SIM07S057SB	0.750	0.78 - 0.82	19.8 - 20.8	0.35 - 0.57	8.9 - 14.5
356346	JM-SIM-09S050SB	0.900	0.92 - 1.02	23.4 - 25.9	0.35 - 0.50	8.9 - 12.7
E43152	JM-SIM-09S050SB-043H	0.900	0.92 - 1.02	23.4 - 25.9	0.35 - 0.50	8.9 - 12.7
E64616	JM-SIM-10S020SB	1.000	1.00 - 1.14	25.4 - 29.0	0.08 - 0.20	2.0 - 5.1
A87868	JM-SIM-10S035SB	1.000	1.00 - 1.14	25.4 - 29.0	0.20 - 0.35	5.1 - 8.9
O32536	JM-SIM-10S057SB	1.000	1.00 - 1.14	25.4 - 29.0	0.35 - 0.57	8.9 - 14.5
150356	JM-SIM-10S070SB	1.000	1.00 - 1.14	25.4 - 29.0	0.51 - 0.71	13.0 - 18.0
E23652	JM-SIM-11S020SB	1.100	1.12 - 1.26	28.4 - 32.0	0.08 - 0.20	2.0 - 5.1
C45061	JM-SIM-11S035SB	1.100	1.12 - 1.26	28.4 - 32.0	0.20 - 0.35	5.1 - 8.9
120176	JM-SIM-11S057SB	1.100	1.12 - 1.26	28.4 - 32.0	0.35 - 0.57	8.9 - 14.5
289982	JM-SIM-11S070SB	1.100	1.12 - 1.26	28.4 - 32.0	0.51 - 0.71	13.0 - 18.0
509746	JM-SIM-11S078SB	1.100	1.12 - 1.26	28.4 - 32.0	0.57 - 0.78	14.5 - 19.8
141768	JM-SIM-12S035SB	1.250	1.22 - 1.36	31.0 - 34.5	0.08 - 0.35	2.0 - 8.9
151270	JM-SIM-12S043S	1.250	1.22 - 1.36	31.0 - 34.5	0.35 - 0.43	8.9 - 10.9
C51983	JM-SIM-12S043SB-024H	1.250	1.22 - 1.36	31.0 - 34.5	0.24 - 0.43	6.1 - 10.9
960202	JM-SIM-12S057SB	1.250	1.22 - 1.36	31.0 - 34.5	0.35 - 0.57	8.9 - 14.5
33111D	JM-SIM-12S057S-FD1	1.250	1.22 - 1.36	31.0 - 34.5	Flat Drop	179 x .325x1
101316	JM-SIM-12S057SB-043H	1.250	1.22 - 1.36	31.0 - 34.5	0.35 - 0.57	8.9 - 14.5
YD8520	JM-SIM-12S065S-FD2	1.250	1.22 - 1.36	31.0 - 34.5	Flat Drop	179 x .325x2
424922	JM-SIM-12S070SB	1.250	1.22 - 1.36	31.0 - 34.5	0.51 - 0.71	13.0 - 18.0
247320	JM-SIM-12S070SB-057H	1.250	1.22 - 1.36	31.0 - 34.5	0.51 - 0.71	13.0 - 18.0
610036	JM-SIM-12S090SB	1.250	1.24 - 1.34	31.5 - 34.0	0.71 - 0.90	18.0 - 22.9
3S4902	JM-SIM-12S090S-FD3	1.250	1.24 - 1.34	31.5 - 34.0	Flat Drop	179 x .325x3
360030	JM-SIM-12S090SB-078H	1.250	1.24 - 1.34	31.5 - 34.0	0.71 - 0.90	18.0 - 22.9
D34944	JM-SIM-13S043SB	1.375	1.37 - 1.50	34.8 - 38.1	0.12 - 0.43	3.0 - 10.9
F37918	JM-SIM-13S043SB-024H	1.375	1.37 - 1.50	34.8 - 38.1	0.24 - 0.43	6.1 - 10.9
240386	JM-SIM-13S057SB	1.375	1.37 - 1.50	34.8 - 38.1	0.35 - 0.57	8.9 - 14.5
201624	JM-SIM-13S070SB	1.375	1.37 - 1.50	34.8 - 38.1	0.51 - 0.71	13.0 - 18.0
539922	JM-SIM-13S097SB	1.375	1.33 - 1.46	33.8 - 37.1	0.71 - 0.97	18.0 - 24.6
D21504	JM-SIM-15S020SB	1.500	1.46 - 1.65	37.1 - 41.9	0.08 - 0.20	2.0 - 5.1
A81771	JM-SIM-15S035SB	1.500	1.46 - 1.65	37.1 - 41.9	0.08 - 0.35	2.0 - 8.9
E55265	JM-SIM15S043SB-024H	1.500	1.46 - 1.65	37.1 - 41.9	0.24 - 0.43	6.1 - 10.9

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			inches	mm	inches	mm
554508	JM-SIM-15S057SB	1.500	1.46 - 1.65	37.1 - 41.9	0.35 - 0.57	8.9 - 14.5
468786	JM-SIM-15S057SB-043H	1.500	1.46 - 1.65	37.1 - 41.9	0.35 - 0.57	8.9 - 14.5
751892	JM-SIM-15S070SB	1.500	1.46 - 1.65	37.1 - 41.9	0.51 - 0.71	13.0 - 18.0
106654	JM-SIM-15S070SB-057H	1.500	1.46 - 1.65	37.1 - 41.9	0.51 - 0.71	13.0 - 18.0
588288	JM-SIM-15S090SB	1.500	1.55 - 1.65	39.4 - 41.9	0.71 - 0.90	18.0 - 22.9
D15639	JM-SIM-15S090SB-078H	1.500	1.55 - 1.65	39.4 - 41.9	0.71 - 0.90	18.0 - 22.9
428444	JM-SIM-15S110SB	1.500	1.55 - 1.65	39.4 - 41.9	0.90 - 1.10	22.9 - 27.9
582536	JM-SIM-15S070AB	1.500	1.58 - 1.73	40.1 - 43.9	0.51 - 0.71	13.0 - 18.0
331954	JM-SIM-15S110AB	1.500	1.58 - 1.73	40.1 - 43.9	0.90 - 1.10	22.9 - 27.9
D44866	JM-SIM-20S020SB	2.000	1.82 - 1.97	46.2 - 50.0	0.08 - 0.20	2.0 - 5.1
D82343	JM-SIM-20S035SB	2.000	1.82 - 1.97	46.2 - 50.0	0.08 - 0.35	2.0 - 8.9
C10624	JM-SIM-20S043SB-024H	2.000	1.82 - 1.97	46.2 - 50.0	0.24 - 0.43	6.1 - 10.9
819946	JM-SIM-20S057SB	2.000	1.82 - 1.97	46.2 - 50.0	0.35 - 0.57	8.9 - 14.5
520796	JM-SIM-20S070SB	2.000	1.82 - 1.97	46.2 - 50.0	0.51 - 0.71	13.0 - 18.0
855814	JM-SIM-20S090SB	2.000	1.82 - 1.97	46.2 - 50.0	0.71 - 0.90	18.0 - 22.9
986500	JM-SIM-20S110SB	2.000	1.82 - 1.97	46.2 - 50.0	0.90 - 1.10	22.9 - 27.9
119892	JM-SIM-21S020SB	2.100	1.98 - 2.18	50.3 - 55.4	0.08 - 0.20	2.0 - 5.1
D12262	JM-SIM-21S035SB	2.100	1.98 - 2.18	50.3 - 55.4	0.20 - 0.35	5.1 - 8.9
190356	JM-SIM-21S057SB	2.100	1.98 - 2.18	50.3 - 55.4	0.35 - 0.57	8.9 - 14.5
906724	JM-SIM-21S070SB	2.100	1.98 - 2.18	50.3 - 55.4	0.51 - 0.71	13.0 - 18.0
923872	JM-SIM-21S090SB	2.100	1.98 - 2.18	50.3 - 55.4	0.71 - 0.90	18.0 - 22.9
914472	JM-SIM-21S110SB	2.100	1.98 - 2.18	50.3 - 55.4	0.90 - 1.10	22.9 - 27.9
595426	JM-SIM-21S110AB	2.100	2.14 - 2.22	54.4 - 56.4	0.90 - 1.10	22.9 - 27.9

*Suffix Descriptor

S - Standard PVC and PE ducts (ID)

A - Oversize duct (ID)

H - Undersize ducts (ID)

B - Duct Plugs with inner bushing

G - Duct Plugs with coated metal compression plates



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