

PRODUCT COMPONENTS

Refer to [Figure 1](#).

PRODUCT SELECTION

1. Determine the inside diameter of the outer duct and the outside diameter of the cable or inner duct. Select the correct plug from [Table 1 on Page 2](#).

INSTALLATION INSTRUCTIONS

1. Remove the top sealing collar and separate into two pieces as shown in [Figure 2](#).
2. Some fiber optic simplex duct plugs come with integral bushing sleeves which are designed to be field-split for sealing around in-place cables when needed. Use scissors or snips to split the sleeves. Do not allow the splits in the bushings to overlap with the split in the main gasket assembly ([Figure 3](#)).
3. Split the gasket assembly and place it around the bushings and the cable. Reassemble split collar around cable and thread onto gasket assembly ([Figure 4](#)).
4. Slide assembled duct plug along cable into duct to be sealed ([Figure 5](#)). Tighten by hand while holding in place. Complete sealing by tightening with a strap wrench.

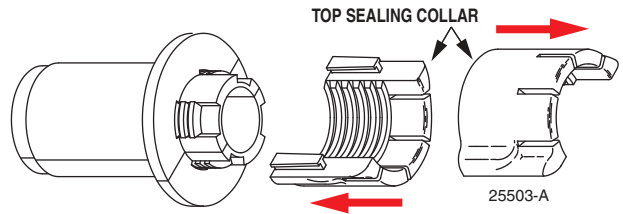


Figure 2

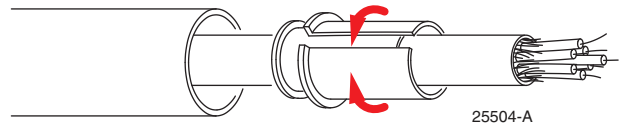


Figure 3

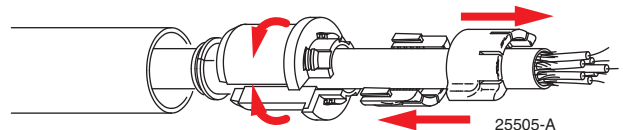


Figure 4

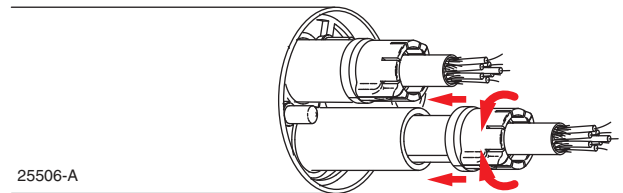


Figure 5

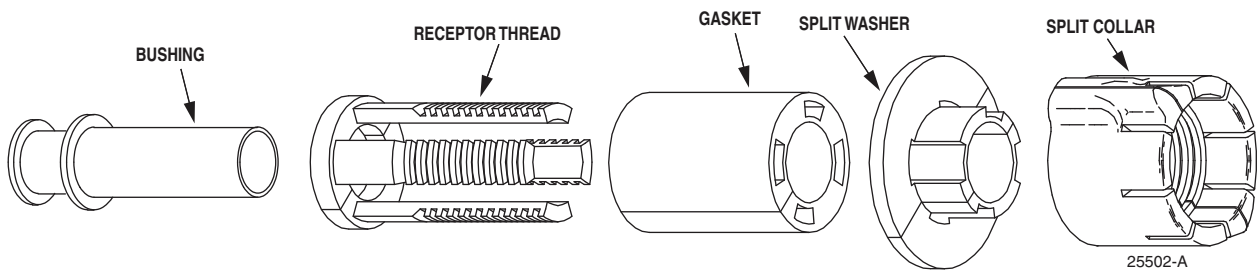


Figure 1

ORDERING INFORMATION

Refer to [Table 1](#). Dimensions are shown in inches and millimeters.

Table 1. Sizes and Specifications

PART NUMBER	PRODUCT DESCRIPTOR*	SIZE	DUCT ID RANGE		CABLE OR DUCT OD RANGE	
			(INCHES)	(MM)	(INCHES)	
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-06035SB	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
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	FlatDrop	179x.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	FlatDrop	179x.325x2
424922	JM-SIM-12S070SB	1.250	1.22-1.36	31.0-34.5	0.51-0.71	13.0-18.0

Table 1. Sizes and Specifications, continued

PART NUMBER	PRODUCT DESCRIPTOR*	SIZE	DUCT ID RANGE		CABLE OR DUCT OD RANGE	
			(INCHES)	(MM)	(INCHES)	
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	FlatDrop	179x.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-SIM-15S043SB-024H	1.500	1.46-1.65	37.1-41.9	0.24-0.43	6.1-10.9
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

Table 1. Sizes and Specifications, continued

PART NUMBER	PRODUCT DESCRIPTOR*	SIZE	DUCT ID RANGE		CABLE OR DUCT OD RANGE	
			(INCHES)	(MM)	(INCHES)	
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); B = inner bushings included; #H = hold plugs included; FD# = bushing for flat fiber drop included.

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