

### HOW TO SPECIFY A BOOT PRODUCT NUMBER

#### GENERAL DESCRIPTION

A complete Boot product number consists of a **Base Number** + a **Suffix** letter:

1. Select the **Boot Base Number** from the cushion hangers table, for the coax size and number of holes in the cushion,
2. add a **Suffix** letter designating the port size that the Boot will be installed on:

- A - for 4" diameter port
- D - for 4½" diameter port
- B - for 5" diameter port
- E - for 6" diameter ports
- F - for 6⅝" diameter port
- C - for 8" diameter port
- G - for 8⅝" diameter port

**Example:**

Boot Product Number for two runs of ⅞" coax for mounting on a 4" diameter port is: B1193 + A = B1193A

### ONE-PIECE 4" INTEGRAL BOOT

This Boot's uniquely integrated parts eliminate the need for cushion insert.



Product Number	Description	List Price
B537A	one ⅞" coax cable	\$34.00
B535A	one 1⅝" coax cable	\$34.00

### LARGE BOOT FOR COAX AND WAVEGUIDE

#### GENERAL DESCRIPTION

Assembly includes One-Piece Boot and two clamps.

One Piece Boots are available for 6", 6⅝", 8" and 8⅝" diameter ports.

### MISCELLANEOUS BOOTS

1 Piece Boot 4"	2 Piece Boot 4½"	1 Piece Boot 5"	Description
B578A*	B578D*	B578B*	Boot with blank cushion - may be field punched for custom fit
B570	B1276	B530	Boot Jacket only for 33/8" diameter cushion. Clamps included
—	—	B1727	Boot Jacket only for 5" diameter cushion. Clamps included

\*Call for pricing information

### ONE-PIECE BOOT FOR 4" OR 5" DIAMETER PORTS

#### GENERAL DESCRIPTION

This Boot fits the ports of all Entry Panels shown in this catalog, including the Tube Entry Kits. Boot material is unaffected by ozone, sunlight, aging, or extremes of heat and cold. The jacket and cushion material meets specifications ASTM-D2000 and SAE J200.

**Boots for 4½" diameter ports are available in the traditional configuration with 2-piece jackets.**

Jackets for Boots may be purchased separately. See the Miscellaneous Boots table (page 5.1).

**Installation:**

To install the Boot, place a cushion around the installed coax or waveguide near the building Entry Panel. Then, place the jacket around the cushion, slide the assembly over the Entry Panel port, and tighten the stainless steel clamps.

Boot assembly includes:

- 1 - Jacket
- 1 - Cushion
- 2 - Clamps



# TRANSMISSION LINE SUPPORT SYSTEMS

## TRANSMISSION LINE BOOTS

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### PLUG

FOR USE IN BOOTS

Plugs are used to seal the un-used holes in Boot cushions. Plugs may be removed for installation of future transmission line runs.



Product Number	Transmission-Line Size	Plug Dimension	Qty Per Pkg	List Price
B1604	1/2" coax	0.630" dia	1	\$.50
B1395	7/8" coax	1.110" dia	1	\$.60
B1602	—	1.250" dia	6	\$5.00
B1605	1 1/4" coax	1.560" dia	1	\$1.50
B1616	1 5/8" coax	2.000" dia	1	\$1.75
B1396	EW90 waveguide	1.32" x 0.80"	1	\$.70

### BOOTS

FOR U.S. WEST SYSTEM

Bell Systems Boots are available upon request.



# TRANSMISSION LINE SUPPORT SYSTEMS

## TRANSMISSION LINE BOOTS

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### BOOTS

FOR RECTANGULAR WAVEGUIDE

Boot Number 4" Boot Cost \$34.00	4-1/2" Boot Cost \$36.00	5" Boot Cost \$37.00	For Waveguide Size		
			Andrew	Cablewave	Gabriel
B577A	B577D	B577B	WR42	WR42	WR42
B579A	B579D	B579B	WR51	WR51	WR51
B1175A	B1175D	B1175B	WR62	WR62	WR62
B561A	B561D	B561B	WR75	WR75	WR75
B557A	B557D	B557B	WR90	WR90	WR90
B560A	B560D	B560B	WR112	WR112	WR112
B559A	B559D	B559B	WR137	WR137	WR137
B558A	B558D	B558B	WR159	WR159	WR159
B353A	B353D	B353B	WR187	WR187	WR187
B339A	B339D	B339B	WR229	WR229	WR229
B1701A	B1701D	B1701B	WR137 flex	WR137 flex	WR137 flex

### BOOTS

FOR ELLIPTICAL WAVEGUIDE

Boot Number 4" Boot Cost \$34.00	4-1/2" Boot Cost \$36.00	5" Boot Cost \$37.00	Holes in Cushion	For Waveguide Size		
				Andrew	Cablewave	Gabriel
B1638A	B1638D	B1638B	1	EW240	—	—
B1165A	B1165D	B1165B	1	EW220	—	—
B580A	B580D	B580B	1	EW180 & EWP180	WE190 & WE191	GE190
B1296A	B1296D	B1296B	2	EW180 & EWP180	WE190 & WE191	GE190
B1278A	B1278D	B1278B	3	EW180 & EWP180	WE190 & WE191	GE190
B583A	B583D	B583B	1	EW132 & EWP132	WE150	—
B2089A	B2089D	B2089B	3	EW122	—	—
B539A	B539D	B539B	1	EW122 & EW127	WE122 & WE130	GE130
B1856A	B1856D	B1856B	2	EW122 & EW127	WE122 & WE130	GE130
B541A	B541D	B541B	1	EW107	—	—
B543A	B543D	B543B	1	EW90 & EWP90	—	—
B1279A	B1279D	B1279B	3	EW90 & EWP90	—	—
B1231A	B1231D	B1231B	1	EW85	WE108	GE108
B1179A	B1179D	B1179B	1	—	WE78	GE78
B1250A	B1250D	B1250B	2	—	WE78	GE78
B548A	B548D	B548B	1	EW77 & EWP77	—	—
B1373A	B1373D	B1373B	2	EW77 & EWP77	—	—
B536A	B536D	B536B	1	EW71	—	—
B1171A	B1171D	B1171B	1	—	WE71	GE71
B1166A	B1166D	B1166B	1	EW64 & EWP64	WE70	GE70
B544A	B544D	B544B	1	EW63 & EWP63	WE65	GE65
B1293A	B1293D	B1293B	2	EW63 & EWP63	WE65	GE65
B564A	B564D	B564B	1	—	WE60	GE60
B538A	B538D	B538B	1	EW59	WE59	—
B562A	B562D	B562B	1	EW56	—	—
B542A	B542D	B542B	1	EW52 & EWP52	WE61	GE61
B1263A	B1263D	B1263B	1	—	WE46	GE46
B534A	B534D	B534B	1	EW44 & EWP44	—	—
B1388A	B1388D	B1388B	1	EW43	—	—
B2184A	B2184D	B2184B	1	—	WE30	GE30
B533A	B533D	B533B	1	EW37 & EWP37	—	—
B1170A	B1170D	B1170B	1	—	WE37	GE37
B1127A	B1127D	B1127B	1	EW34 & EWP34	—	—
B2263A	B2263D	B2263B	2	EW132 & EWP132	WE150	—

Valmont Microflect will manufacture Boots for custom requirements. Please call for information.  
Boot material meets specifications ASTM-D2000 and SAE J200.

# TRANSMISSION LINE SUPPORT SYSTEMS

## TRANSMISSION LINE BOOTS

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### BOOTS

FOR COAX & CONDUIT

Boot Number 4" Boot Cost \$34.00	4 1/2" Boot Cost \$36.00	5" Boot Cost \$37.00	Holes in Cushion	Hole Diameter	For Cushion/Conduit Sizes
B1666A	B1666D	B1666B	1	0.195"	LMR@-200 coax
B1667A	B1667D	B1667B	2	0.195"	LMR@-200 coax
B1668A	B1668D	B1668B	3	0.195"	LMR@-200 coax
B1669A	B1669D	B1669B	4	0.195"	LMR@-200 coax
B1670A	B1670D	B1670B	1	0.240"	LMR@-240 coax
B1671A	B1671D	B1671B	2	0.240"	LMR@-240 coax
B1672A	B1672D	B1672B	3	0.240"	LMR@-240 coax
B1673A	B1673D	B1673B	4	0.240"	LMR@-240 coax
B1173A	B1173D	B1173B	1	0.295"	1/4" flex coax
B1174A	B1174D	B1174B	3	0.295"	1/4" flex coax
B1601A	B1601D	B1601B	2	0.332"	5/16" round
B1674A	B1674D	B1674B	2	0.405"	LMR@-400 coax
B1675A	B1675D	B1675B	3	0.405"	LMR@-400 coax
B1676A	B1676D	B1676B	4	0.405"	LMR@-400 coax
B1178A	B1178D	B1178B	1	0.410"	LMR@-400, 3/8" flex coax or RG-11/U
B1168A	B1168D	B1168B	1	0.440"	3/8" coax
B1169A	B1169D	B1169B	3	0.440"	3/8" coax
B1609A	B1609D	B1609B	4	0.440"	3/8" coax
B1677A	B1677D	B1677B	1	0.500"	LMR@-500 coax
B1678A	B1678D	B1678B	2	0.500"	LMR@-500 coax
B1679A	B1679D	B1679B	3	0.500"	LMR@-500 coax
B1680A	B1680D	B1680B	4	0.500"	LMR@-500 coax
B1346A	B1346D	B1346B	1	0.520"	1/2" flex coax
B1345A	B1345D	B1345B	3	0.520"	1/2" flex coax
B1533A	B1533D	B1533B	4	0.520"	1/2" flex coax
B1167A	B1167D	B1167B	1	0.580"	1/2" air coax
B540A	B540D	B540B	3	0.580"	1/2" air coax
B1681A	B1681D	B1681B	1	0.590"	LMR@-600 coax
B1682A	B1682D	B1682B	2	0.590"	LMR@-600 coax
B1683A	B1683D	B1683B	3	0.590"	LMR@-600 coax
B1684A	B1684D	B1684B	4	0.590"	LMR@-600 coax
B1126A	B1126D	B1126B	1	0.630"	1/2" foam coax
B1189A	B1189D	B1189B	2	0.630"	1/2" foam coax
B1112A	B1112D	B1112B	3	0.630"	1/2" foam coax
B1402A	B1402D	B1402B	4	0.630"	1/2" foam coax
B1603A	B1603D	B1603B	9	0.630"	1/2" foam coax
B1339A	B1339D	B1339B	3	0.686"	11/16" round
B587A	B587D	B587B	1	0.770"	3/4" round
B1397A	B1397D	B1397B	2	0.770"	3/4" round
B1459A	B1459D	B1459B	1	0.840"	1/2" rigid conduit
B1685A	B1685D	B1685B	1	0.870"	LMR@-900 coax
B1686A	B1686D	B1686B	2	0.870"	LMR@-900 coax
B1687A	B1687D	B1687B	3	0.870"	LMR@-900 coax
B1688A	B1688D	B1688B	4	0.870"	LMR@-900 coax
B1176A	B1176D	B1176B	1	0.880"	RG-17/U
B1331A	B1331D	B1331B	3	0.880"	RG-17/U
B1460A	B1460D	B1460B	1	1.050"	3/4" rigid conduit
B537A	B537D	B537B	1	1.110"	7/8" coax
B1193A	B1193D	B1193B	2	1.110"	7/8" coax
B1151A	B1151D	B1151B	3	1.110"	7/8" coax
B1386A	B1386D	B1386B	4	1.110"	7/8" coax
B1689A	B1689D	B1689B	1	1.200"	LMR@-1200 coax
B1690A	B1690D	B1690B	2	1.200"	LMR@-1200 coax
B1691A	B1691D	B1691B	3	1.200"	LMR@-1200 coax
B1398A	B1398D	B1398B	1	1.315"	1" rigid conduit
B1152A	B1152D	B1152B	1	1.560"	1 1/4" coax
B1692A	B1692D	B1692B	1	1.670"	LMR@-1700 coax
B1399A	B1399D	B1399B	1	1.900"	1 1/2" rigid conduit
B535A	B535D	B535B	1	2.000"	1 5/8" coax

# TRANSMISSION LINE SUPPORT SYSTEMS

## TRANSMISSION LINE BOOTS

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### BOOTS

FOR COAX & CONDUIT CONT'D

Boot Number 4" Boot Cost \$34.00	4 1/2" Boot Cost \$36.00	5" Boot Cost \$37.00	Holes in Cushion	Hole Diameter	For Cushion/Conduit Sizes
B1262A	B1262D	B1262B	1	2.375"	2 1/4" coax or 2" rigid conduit
B1463A	B1463D	B1463B	1	2.875"	2 1/2" rigid conduit
B1172A	B1172D	B1172B	1	3.000"	3" coax
B2332A	B2332D	B2332B	11	0.322"	RG-6
B2534A	B2534D	B2534B	9	0.440"	3/8" foam coax
B2636A	B2636D	B2636B	5	0.625"	5/8" round
B2671A	B2671D	B2671B	9	0.415"	3/8" flex coax
B2913A	B2913D	B2913B	2	0.900"	—

### BOOTS

FOR MIXED COAX & WAVEGUIDE SIZES

Boot Number 4" Boot Cost \$34.00	4 1/2" Boot Cost \$36.00	5" Boot Cost \$37.00	Holes in Cushion	Hole Diameter	For Coax / Waveguide Size
B1611A	B1611D	B1611B	2 1	0.440" & 0.625"	3/8" coax & 5/8" round
B1446A	B1446D	B1446B	1	0.528" & 1.110"	4/0 ground wire & 7/8" coax
B1341A	B1341D	B1341B	1 2	0.630" & 1.110"	1/2" foam coax & 7/8" coax
B1716A	B1716D	B1716B	1	0.630" & 1.560"	1/2" foam coax & 1 1/4" coax
B1758A	B1758D	B1758B	1	0.630" & 2.000"	1/2" foam coax & 1 5/8" coax
B1251A	B1251D	B1251B	2	0.630" & 1.110"	1/2" foam coax & 7/8" coax
B1532A	B1532D	B1532B	3 1	0.630" & 1.110"	1/2" foam coax & 7/8" coax
B1962A	B1962D	B1962B	3 2	0.630" & 1.110"	1/2" foam coax & 7/8" coax
B1374A	B1374D	B1374B	1 1	0.770" & 1.110"	3/4" round & 7/8" coax
B1972A	B1972D	B1972B	1 2	0.240" 0.520"	1/4" flex coax 1/2" flex coax
B1466A	B1466D	B1466B	1 1	1.110" —	7/8" coax & EW63 waveguide
B1541A	B1541D	B1541B	1 1	— —	EW90 waveguide & EW63 waveguide
B1572A	B1572D	B1572B	2 2 2	0.543" 0.406" 0.327"	— — —
B1575A	B1575D	B1575B	2 1	0.323" 0.394"	— —
B2334A	B2334D	B2334B	1 1	0.410" & 0.630"	3/8" flex coax 1/2" foam coax
B2498A	B2498D	B2498B	3 3	0.440" & 0.630"	3/8" coax 1/2" foam coax
B2545A	B2545D	B2545B	1 2	0.375" & 0.625"	3/8" round 5/8" round
B2621A	B2621D	B2621B	2 2 2	0.315" & 0.580" & 0.630"	— 1/2" air coax 1/2" foam coax
B2899A	B2899D	B2899B	1 1	1.110" & 1.563"	7/8" coax 1 1/4" coax

# TRANSMISSION LINE SUPPORT SYSTEMS

## TRANSMISSION LINE BOOTS

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### LARGE BOOT

FOR COAX & WAVEGUIDE

Assembly includes one-piece Boot and two clamps.

Boot Number	6" Boot	6 <sup>5</sup> / <sub>8</sub> " Boot	8" Boot	8 <sup>5</sup> / <sub>8</sub> " Boot	Holes in Boot	Hole Diameter	For Coax / Waveguide Size
	Cost \$47.00	Cost \$49.00	Cost \$52.00	Cost \$54.00			
B1344E	B1344F	B1344C	—	—	4	1.110"	7 <sup>8</sup> / <sub>8</sub> " coax
B1663E	B1663F	B1663C	—	—	1	1.560"	1 <sup>1</sup> / <sub>4</sub> " coax
B1400E	—	—	—	—	2	1.560"	1 <sup>1</sup> / <sub>4</sub> " coax
B1664E	B1664F	B1664C	—	—	3	1.560"	1 <sup>1</sup> / <sub>4</sub> " coax
B1566E	—	B1566C	—	—	4	1.560"	1 <sup>1</sup> / <sub>4</sub> " coax
—	B1614F	—	—	—	1	2.000"	1 <sup>5</sup> / <sub>8</sub> " coax
—	B1615F	—	—	—	2	2.000"	1 <sup>5</sup> / <sub>8</sub> " coax
B1465E	B1465F	B1465C	B1465G	—	3	2.000"	1 <sup>5</sup> / <sub>8</sub> " coax
—	—	B1693C	—	—	4	2.000"	1 <sup>5</sup> / <sub>8</sub> " coax
B1303E	—	—	—	—	1	3.500"	3" rigid coax
B1313E	—	B1313C	—	—	1	4.000"	4" coax
—	—	B1693C	—	—	4	2.000"	1 <sup>5</sup> / <sub>8</sub> " coax
—	B2079F	—	—	—	1	0.630"	1/2" foam coax
—	—	—	—	—	1	1.560"	1 <sup>1</sup> / <sub>4</sub> " coax
B1719E	B1719F	B1719C	—	—	3	—	EW180 waveguide
B1711E	B1711F	B1711C	—	—	1	—	EW63 waveguide
B1445E	—	B1445C	—	—	2	—	EW52 waveguide
B1454E	—	B1454C	—	—	1	—	WE30 waveguide
B1453E	—	B1453C	—	—	1	—	EW20 waveguide
B1270E	—	B1264C	—	—	1	—	WR284 waveguide
—	—	B1265C	—	—	1	—	RG-387/U waveguide
B1342E	—	B1342C	—	—	1	—	WR430 waveguide
—	—	B2691C	—	—	5	1.110"	7 <sup>8</sup> / <sub>8</sub> " coax
—	—	B2804C	—	—	1	6.125"	6 <sup>1</sup> / <sub>8</sub> " round
B2805E	—	—	—	—	1	4.063"	4 <sup>1</sup> / <sub>8</sub> " round