Antenna and Enclosure Kits

Original Instructions
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ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

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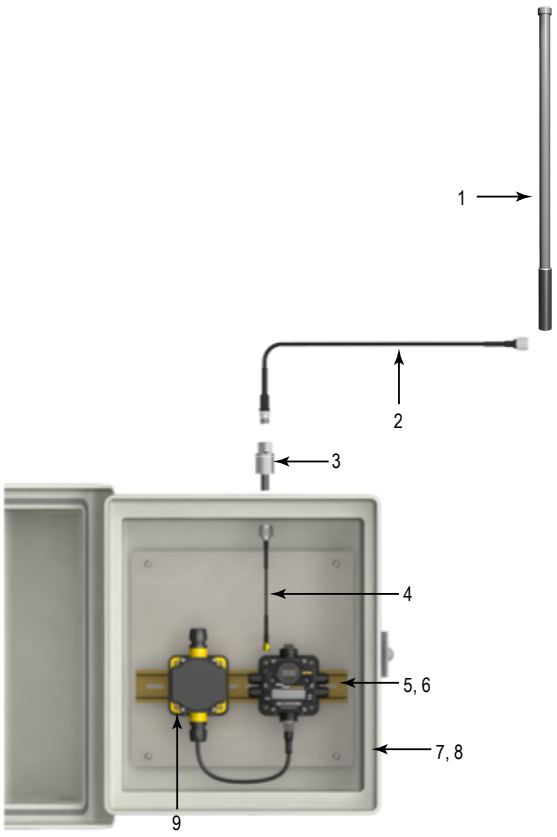
Chapter 1 Antenna Kits for 900 MHz

Antenna Kit BWA-ANTKIT-001

High-gain omnidirectional antenna kit BWA-ANTKIT-001 includes a 6 dBd fiberglass antenna.



Item	Qty	Model	Description
1	1	BWA-9O6-A	Antenna, Omni, 902–928 MHz, 6 dBd, 6 ft Fiberglass, N-Type FEMALE, with mounting hardware
2	1	BWC-4MNFN6	LMR400 N-Type Male to N-Type Female, 6 m
3	1	BWC-PRC827-DC	Surge Suppressor, Bulkhead, N-Type Female to N-Type Male, DC blocking
4	1	BWC-1MRSMN05	LMR200, RP-SMA Male to RP-SMA Female Bulkhead, 0.5 m
5–9			Sold separately. Antenna kits do not include the radio, power supply, or enclosure components.

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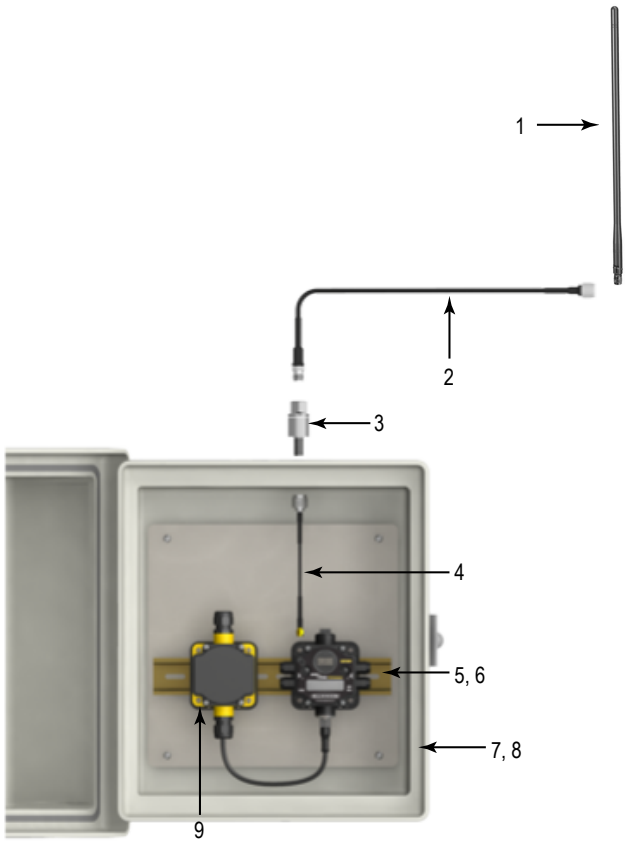
To create a weatherproof antenna connection, refer to the Sure Cross® DX80 Performance Instruction Manual (p/n 132607), the Sure Cross® Installation Guide (p/n 151317), or the Antenna Basics Guide (p/n 132113).

Antenna Kit BWA-ANTKIT-002

Mid-range gain omni-directional antenna kit BWA-ANTKIT-002 (p/n 18954) includes a 5 dBi rubber swivel antenna.



Item	Qty	Part No.	Model	Description
1	1	17721	BWA-9O5-C	Antenna, Omni, 902–928 MHz, 5 dBi, Rubber swivel, RP-SMA Male
2	1	77488	BWC-1MRSFRSB4	RG58, RP-SMA Male to RP-SMA Female Bulkhead, 4 m
3	1	79296	BWC-LMRSFRPB	Surge Suppressor, Bulkhead, RP-SMA
4	1	78544	BWC-1MRSFRSB02	RG58, RP-SMA Male to RP-SMA Female Bulkhead, 0.2 m
5–9				Sold separately. Antenna kits do not include the radio, power supply, or enclosure components.

To create a weatherproof antenna connection, refer to the Sure Cross® DX80 Performance Instruction Manual (p/n 132607), the Sure Cross® Installation Guide (p/n 151317), or the Antenna Basics Guide (p/n 132113).

Antenna Kit BWA-ANTKIT-003

Low-gain omnidirectional antenna kit BWA-ANTKIT-003 (p/n 18955) includes a 2 dBi rubber swivel antenna.

Antenna kit **BWA-ANTKIT-003** is no longer available to order, but is covered by the contents of this document.

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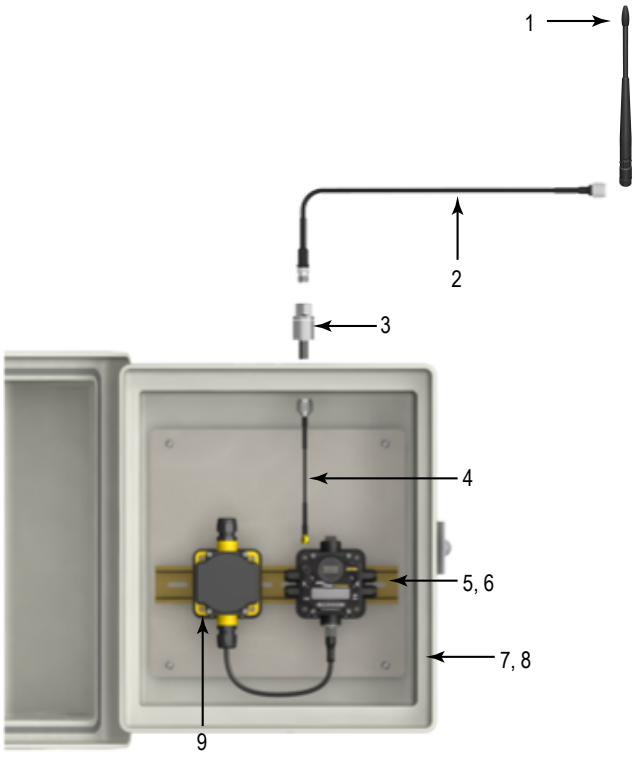

Item	Qty	Part No.	Model	Description
1	1	76908	BWA-9O2-C	Antenna, Omni, 902–928 MHz, 2 dBi, Rubber swivel, RP-SMA Male
2	1	77488	BWC-1MRSFRSB4	RG58, RP-SMA Male to RP-SMA Female Bulkhead, 4 m
3	1	79296	BWC-LMRSFRPB	Surge Suppressor, Bulkhead, RP-SMA
4	1	78544	BWC-1MRSFRSB02	RG58, RP-SMA Male to RP-SMA Female Bulkhead, 0.2 m
5–9				Sold separately. Antenna kits do not include the radio, power supply, or enclosure components.

To create a weatherproof antenna connection, refer to the Sure Cross® DX80 Performance Instruction Manual (p/n 132607), the Sure Cross® Installation Guide (p/n 151317), or the Antenna Basics Guide (p/n 132113).

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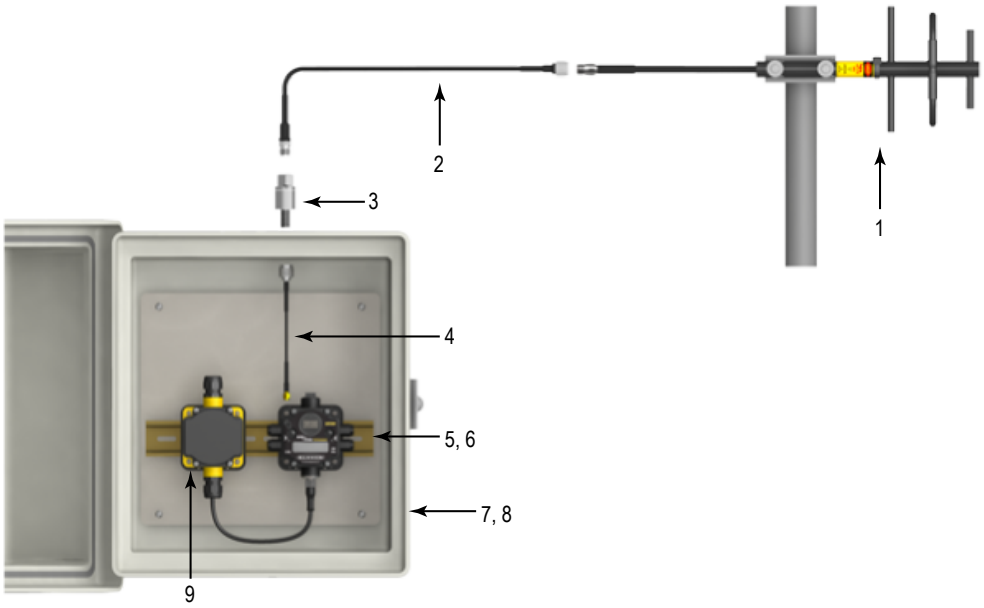
Antenna Kit BWA-ANTKIT-004

Low-gain directional antenna kit BWA-ANTKIT-004 includes a 6.5 dBd Yagi antenna.



Item	Qty	Model	Description
1	1	BWA-9Y6-A	Antenna, Yagi, 902–928 MHz, 6.5 dBd, N-Type FEMALE
2	1	BWC-4MNFN6	LMR400 N-Type Male to N-Type Female, 6 m
3	1	BWC-PRC827-DC	Surge Suppressor, Bulkhead, N-Type Female to N-Type Male, DC blocking
4	1	BWC-1MRSMN05	LMR200, RP-SMA Male to RP-SMA Female Bulkhead, 0.5 m
5–9			Sold separately. Antenna kits do not include the radio, power supply, or enclosure components.

To create a weatherproof antenna connection, refer to the Sure Cross® DX80 Performance Instruction Manual (p/n 132607), the Sure Cross® Installation Guide (p/n 151317), or the Antenna Basics Guide (p/n 132113).

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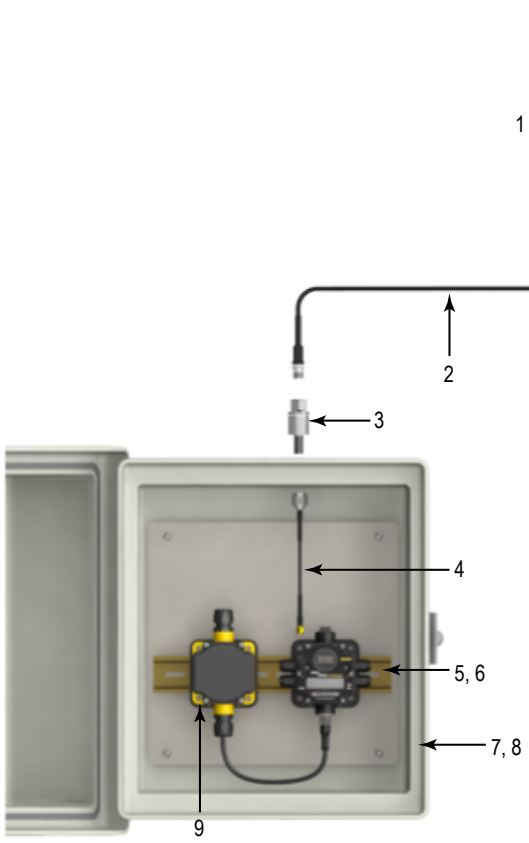
Chapter 2 Antenna Kits for 2.4 GHz

Antenna Kit BWA-ANTKIT-005

Mid-range gain omnidirectional antenna kit BWA-ANTKIT-005 (p/n 20499) includes a 7 dBi 2.4 GHz rubber swivel antenna.



Item	Qty	Part No.	Model	Description
1	1	77818	BWA-2O7-C	Antenna, Omni, 2.4 GHz, 7 dBi, Rubber swivel, RP-SMA Male
2	1	77488	BWC-1MRSFRSB4	RG58, RP-SMA Male to RP-SMA Female Bulkhead, 4 m
3	1	79296	BWC-LMRSFRPB	Surge Suppressor, Bulkhead, RP-SMA
4	1	78544	BWC-1MRSFRSB02	RG58, RP-SMA Male to RP-SMA Female Bulkhead, 0.2 m
5–9				Sold separately. Antenna kits do not include the radio, power supply, or enclosure components.

To create a weatherproof antenna connection, refer to the Sure Cross® DX80 Performance Instruction Manual (p/n 132607), the Sure Cross® Installation Guide (p/n 151317), or the Antenna Basics Guide (p/n 132113).

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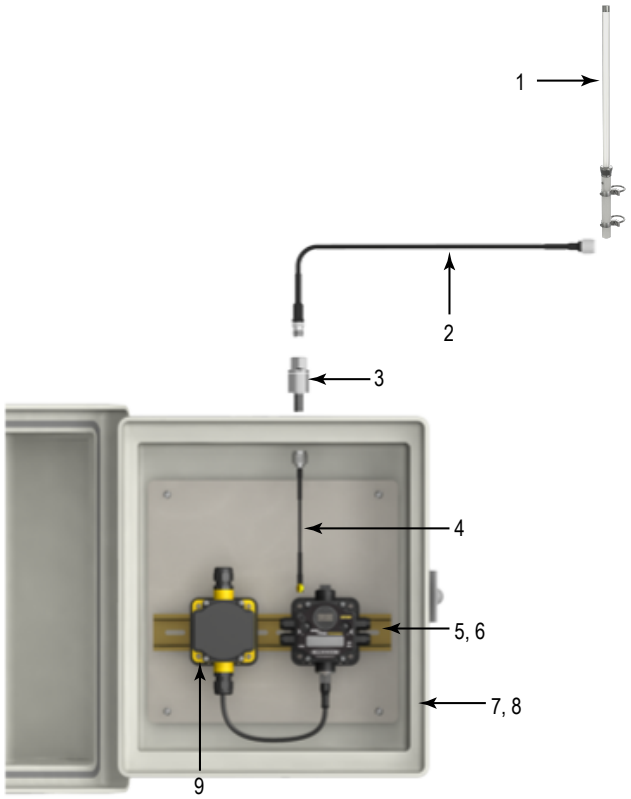
Antenna Kit BWA-ANTKIT-006

High-gain omnidirectional antenna kit BWA-ANTKIT-006 includes a 24" 8.5 dBi 2.4 GHz fiberglass antenna.



Item	Qty	Model	Description
1	1	BWA-2O8-A	Antenna, Omni, 2.4 GHz, 8.5 dBi, 24-inch Fiberglass, N-Type FEMALE, with mounting hardware
2	1	BWC-4MNFN6	LMR400 N-Type Male to N-Type Female, 6 m
3	1	BWC-PRC827-DC	Surge Suppressor, Bulkhead, N-Type Female to N-Type Male, DC blocking
4	1	BWC-1MRSMN05	LMR200, RP-SMA Male to RP-SMA Female Bulkhead, 0.5 m
5–9			Sold separately. Antenna kits do not include the radio, power supply, or enclosure components.

To create a weatherproof antenna connection, refer to the Sure Cross® DX80 Performance Instruction Manual (p/n 132607), the Sure Cross® Installation Guide (p/n 151317), or the Antenna Basics Guide (p/n 132113).

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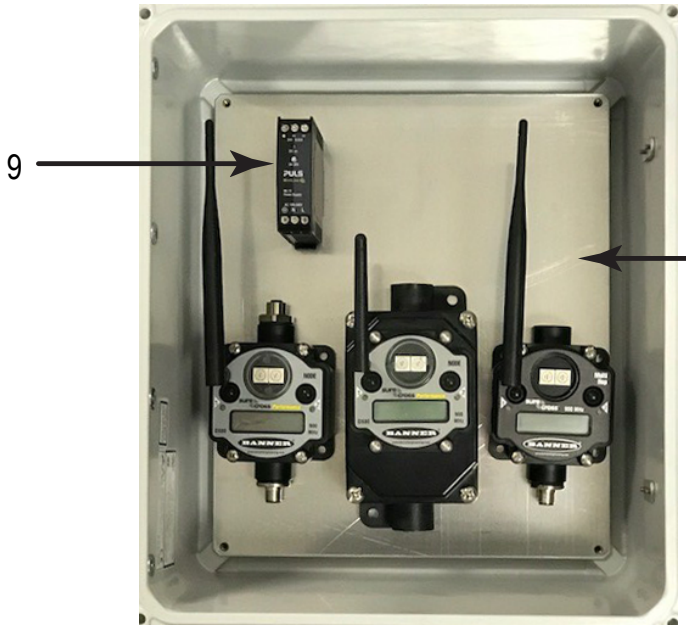
Medium Fiberglass Enclosure Kit BWA-EF1086KIT 10
Small Fiberglass Enclosure Kit BWA-EF866KIT 11

Chapter 3 Enclosure Kits

Large Fiberglass Enclosure Kit BWA-EF14128KIT

Enclosure kit BWA-EF14128KIT (p/n 30410) includes the 14” × 12” × 8” Fiberglass enclosure. This larger enclosure is ideal for multiple radios, a power supply, and any additional equipment that may be necessary to solve your application.



All other items shown in this photo are not included in the kit and are only shown for scale.

	Qty	Part No.	Model	Description
4	See Antenna Kits BWA-ANTKIT-001 through -006			
5	1	26605	DIN-35-140	DIN Rail Section, 140 mm long, 35 mm design (not shown)
6	1	77161	SMBDX80DIN	Bracket Assembly, DIN Rail, for DX80 (not shown)
7	1	11320	BWA-EF14128	Enclosure, Fiberglass, Hinged, 14” × 12” × 8”
8	1	11326	BWA-PANEL-1412	Panel, 14” × 12”
9	1	91774	PSDINP-24-06	DC power supply, 0.63 Amps, 24 V DC, with DIN Rail Mount, Class I Division 2 (Groups A, B, C, D) Rated
10	1	79438	BWA-CG.5-10	Cable gland, 1/2-inch NPT, 10 pack (not shown)

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Medium Fiberglass Enclosure Kit BWA-EF1086KIT

Enclosure kit BWA-EF1086KIT (p/n 30411) includes the 10” × 8” × 6” Fiberglass enclosure. This enclosure is ideal for a power supply and single radio.



	Qty	Part No.	Model	Description
4	See Antenna Kits BWA-ANTKIT-001 through -006			
5	1	26605	DIN-35-140	DIN Rail Section, 140 mm long, 35 mm design (not shown)
6	1	77161	SMBDX80DIN	Bracket Assembly, DIN Rail, for DX80 (not shown)
7	1	11321	BWA-EF1086	Enclosure, Fiberglass, Hinged, 10” × 8” × 6”
8	1	11327	BWA-PANEL-108	Panel, 10” × 8”
9	1	91774	PSDINP-24-06	DC power supply, 0.63 Amps, 24 V DC, with DIN Rail Mount, Class I Division 2 (Groups A, B, C, D) Rated
10	1	79438	BWA-CG.5-10	Cable gland, 1/2-inch NPT, 10 pack (not shown)

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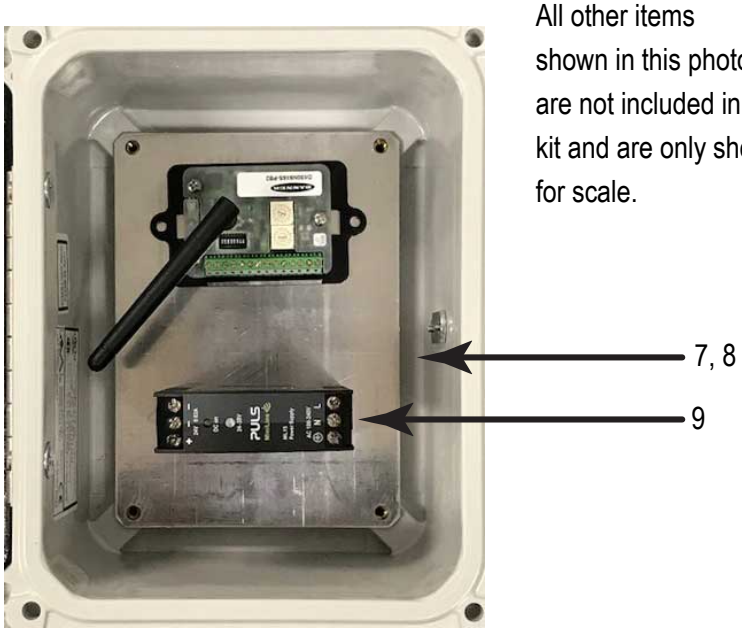
Small Fiberglass Enclosure Kit BWA-EF866KIT

Enclosure kit BWA-EF866KIT (p/n 30412) includes the 8” × 6” × 6” Fiberglass enclosure. This enclosure is ideal for a power supply and a radio board module.



	Qty	Part No.	Model	Description
4	See Antenna Kits BWA-ANTKIT-001 through -006			
5	1	26605	DIN-35-140	DIN Rail Section, 140 mm long, 35 mm design (not shown)
6	1	77161	SMBDX80DIN	Bracket Assembly, DIN Rail, for DX80 (not shown)
7	1	11322	BWA-EF866	Enclosure, Fiberglass, Hinged, 8” × 6” × 6”
8	1	11328	BWA-PANEL-86	Panel, 8” × 6”
9	1	91774	PSDINP-24-06	DC power supply, 0.63 Amps, 24 V DC, with DIN Rail Mount, Class I Division 2 (Groups A, B, C, D) Rated
10	1	79438	BWA-CG.5-10	Cable gland, 1/2-inch NPT, 10 pack (not shown)

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