UL2524 Public Safety BDA Kits

Westell introduces new, easy-to-order 2½W ERCES kit featuring the ProtectLink™ CS45 Series 2½W BDA.

Westell keeps your ERCES deployments clean and simple!

NEW! CS45 2½W ProtectLink™ BDA + BDA Kit

16.54"

12.6"

25.6 lbs.

NEW

CS45-734-834-A0

3 YEAR WARRANTY

CS45-734-834-A0-K1 /
CS45-734-834-A0-K2
(details on page 2)

CS19-BBU-005

NEW

CS19-BAT145AH-SLA

2½W CS45 Series BDA Highlights:

- Total of 96 channels allocated across bands in blocks of 8
- Class B and Class A operation
- 2½W downlink RF power per band
- Intelligent oscillation management, self-healing
- 90 dB downlink gain, 80 dB uplink gain
- Built in front panel annunciator with additional custom LED's

- Fiber DAS ready* with SMA ports
- Built-in remote annunciator communications link
- Emergency Transmit Disable
- Supports SNMP
- Fast uplink squelch response per filter
- Independent gain control per filter
- Compact footprint
- NEMA 4 conduit glands included

- Supports both digital and analog modulation
- Supports P25 phase 1 & 2
- P25 phase 2 AGC (Automatic Gain Control) per time slot to address near/far users on the same channel
- 3-year warranty
- PSERN June 1 2025 compliant**

Frequency Range:

- Uplink: 799-806 MHz, 806-824 MHz
- Downlink: 769-776 MHz, 851-869 MHz

CS45 Series BDA Certifications:

- UL-2524: In-building 2-Way Emergency Responder Communication Enhancement System (ERCES)
- NEMA 4 enclosure
- NFPA 1221 and NFPA 1225
- FCC ID: CH8734834

CS45 Series BDA Kit Includes:

The CS45 Series 2.5W BDA kit comes with the CS45-734-834-A0 BDA, a CS19-BBU-005 battery backup unit, and a single battery for 12-hour and two batteries for 24-hour backup run time: CS19-BAT145AH-SLA. Be sure to order the remote annunciator (CS40-ANNUNC) separately if needed.

* FiberDAS requires ProtectLinkV2 HE to support Fiber DAS expansion. ** Compliant with PSERN June 1 requirement to automatically disable UL amplification after 60 minutes and re-enable UL amplification within 0.5 seconds of receiving signal higher than the uplink squelch threshold.

12-Hour BDA Kits:

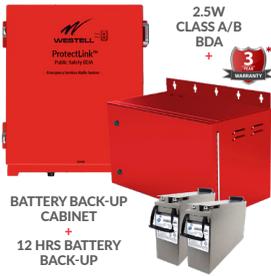| ½W ProtectLink™ NG Kit	½W eBDA Kit	2W eBDA Kit	2.5W ProtectLink™ NG Kit	2.5W ProtectLink™ Kit
CS45-727-827-K1	CS14-720-820-K1	CS14-722-822-K1	CS45-734-834-K1	CS40-734834-2524K1

24-Hour BDA Kits:

½W ProtectLink™ Kit	½W eBDA Kit	2W eBDA Kit	2.5W ProtectLink™ NG Kit	2.5W ProtectLink™ Kit
CS45-727-827-K2	CS14-720-820-K2	CS14-722-822-K2	CS45-734-834-K2	CS40-734834-2524K2

	BDA Kit Order Number:	Dual Band BDA:	Battery Cabinet / Unit:	Back-Up Batteries:
12-Hour Kits				
½W ProtectLink™ NG	CS45-727-827-K1	ProtectLink NG, Class A/B, ½W	CS19-BBU-004	CS19-BAT55AHSLA (1)
½W eBDA	CS14-720-820-K1	Enhanced BDA, Class B, ½W	CS19-BBC-003	CS19-PYL12V45FS (2)
2W eBDA	CS14-722-822-K1	Enhanced BDA, Class B, 2W	CS19-BBC-003	CS19-PYL12V45FS (2)
NEW! 2.5W ProtectLink™ NG	CS45-734-834-K1	ProtectLink NG, Class A/B 2.5W	CS19-BBU-005	CS19-BAT145AH-SLA (1)
2.5W ProtectLink™	CS40-734834-2524K1	ProtectLink, Class A/B, 2.5W	CS19-BBC-003	CS19-PYL12V100FT (2)
24-Hour Kits				
½W ProtectLink™ NG	CS45-727-827-K2	ProtectLink NG, Class A/B, ½W	CS19-BBU-004	CS19-BAT100AH31 (1)
½W eBDA	CS14-720-820-K2	Enhanced BDA, Class B, ½W	CS19-BBC-003	CS19-PYL12V100FT (2)
eBDA 2W	CS14-722-822-K2	Enhanced BDA, Class B, 2W	CS19-BBC-003	CS19-PYL12V100FT (2)
NEW! 2.5W ProtectLink™ NG	CS45-734-834-K2	ProtectLink NG, Class A/B 2.5W	CS19-BBU-005	CS19-BAT145AH-SLA (2)
2.5W ProtectLink™	CS40-734834-2524K2	ProtectLink, Class A/B, 2.5W	CS19-BBC-003	CS19-PYL12V160FT (2)

Notes: Models CS45-727-827-A0, CS40-734834-2524, CS14-722-822, CS14-720-820 do not support Fiber DAS. All BDAs may be purchased separately.

We're Keeping It Simple, Contact Us Now to Get Started!

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