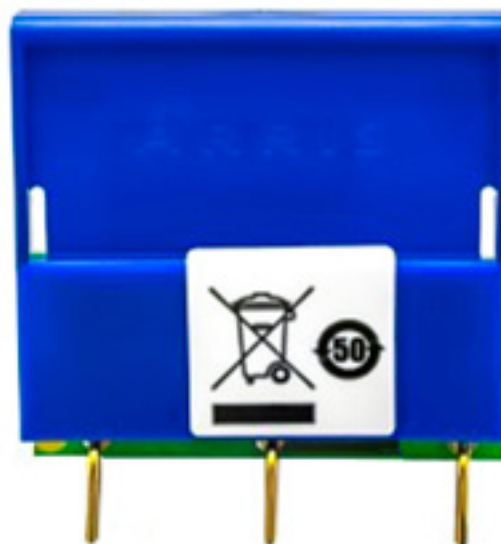


FEATURES

- 42, 65, 85, and 204 MHz return band equalization
- Compatible across all STARLINE Amplifiers
- Ergonomics—installation and removal of accessory without tool or removal of chassis cover
- Low insertion loss

The CommScope series of STARLINE™ Return Equalizers, model SRE-*-*, are designed to equalize fixed lengths of cable and are available in 2 dB steps from 0 dB through 20 dB depending on the series.

The SRE-*-* series can be plugged into legacy BT100, MB100, MBV3100, and BLE100 General Instrument/Motorola amplifiers. The new CommScope 1.2 GHz MB120 and BLE120 amplifiers also feature this legacy footprint and accept the SRE-*-*.



Ergonomics: Enhanced Ease of Use

Enhanced ergonomics add to the ease of use for the STARLINE SRE-**-** Return Equalizer. This “ease of use” is achieved by implementing a plastic shell that allows easy installation and removal of the equalizer through the chassis cover.

All CommScope field-installed components are easily accessible through the chassis cover and can be installed and removed without a tool. Signal flow diagrams that distinguish forward and return paths by color are printed on the chassis covers, which allow users to easily reference forward and return components. The ergonomic accessories are equivalent to the previous non-ergonomic accessories, with the addition of removable plastic guides and shells. All current and former accessories are backward/forward compatible.

Backward/Forward Compatibility

Forward Compatibility: With the introduction of the 1.2 GHz MB120 and BLE120, the SRE plastic shell was modified to remove two plastic guide pins that were used to align the equalizer pins into the amplifier. In place of these plastic guide pins, both amplifiers feature a plastic molded SRE guide on the amplifier’s mainboard that eases the insertion of the SRE.

Backward Compatibility: Newer SRE equalizers without plastic guide pins can still be used in legacy 1 GHz amplifiers. Older SRE equalizers can be used in MB120 and BLE120 amplifiers by removing the plastic guide pins from the plastic shell. Refer to CommScope Technical Note 1514313/TN-21-006 for more information or contact your CommScope account representative.

SPECIFICATIONS

Parameter/Model	SRE-042- (Legacy K-split)	SRE-065- (Legacy A-split)	SRE-085- (Legacy N-split)	SRE-204- (Legacy M-split)
Passband (MHz)	5–42	5–65	5–85	5–204
Equalization (dB)	SRE value ± 0.5	SRE value ± 0.5	SRE value ± 0.5	SRE value ± 0.5
Flatness (dB max)	± 0.5	± 0.5	± 0.6	± 0.3
Return Loss (dB max)	-22.0	-22.0	-20.0	-20.0
Insertion Loss (dB max)	-1.5	-1.5	-1.5	-1.3

NOTE:

*The amount of cable attenuation, measured in dB at the upper end of the bandwidth, that yields the best flatness.

ORDERING INFORMATION

Equalizer Value	SRE-042-* (Legacy K-split)	SRE-065-* (Legacy A-split)	SRE-085-* (Legacy N-split)	SRE-204-* (Legacy M-split)
0 dB	531163-014-00 SRE-42-0	531163-021-00 SRE-65-0	531163-035-00 SRE-85-0	531163-042-00 SRE-204-0
2 dB	531163-015-00 SRE-42-2	531163-022-00 SRE-65-2	531163-036-00 SRE-85-2	531163-043-00 SRE-204-2
4 dB	531163-016-00 SRE-42-4	531163-023-00 SRE-65-4	531163-037-00 SRE-85-4	531163-044-00 SRE-204-4
6 dB	531163-017-00 SRE-42-6	531163-024-00 SRE-65-6	531163-038-00 SRE-85-6	531163-045-00 SRE-204-6
8 dB	531163-018-00 SRE-42-8	531163-025-00 SRE-65-8	531163-039-00 SRE-85-8	531163-046-00 SRE-204-8
10 dB	531163-019-00 SRE-42-10	531163-026-00 SRE-65-10	531163-040-00 SRE-85-10	531163-047-00 SRE-204-10
12 dB	531163-020-00 SRE-42-12	531163-027-00 SRE-65-12	531163-041-00 SRE-85-12	531163-048-00 SRE-204-12
14 dB	N/A	N/A	N/A	531163-049-00 SRE-204-14
16 dB	N/A	N/A	N/A	531163-050-00 SRE-204-16
18 dB	N/A	N/A	N/A	531163-051-00 SRE-204-18
20 dB	N/A	N/A	N/A	531163-052-00 SRE-204-20

RELATED PRODUCTS

FFT Full Feature Taps	MB120 Amplifier
FFE Feederline Equalizers	BLE120 Amplifier
CE-120 & CS-120 Plug-ins	Installation Services

Contact Customer Care for product information and sales:

- United States: 866-36-ARRIS
- International: +1-678-473-5656



Note: Specifications are subject to change without notice.

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1514449_STARLINE SRE-*-* Return Equalizers_RevA