

# SE-8630BK



One-way trunk amplifier, 1 active output, 870 MHz / 30 dB

Forward Channel	
Bandwidth	870 MHz
Gain trunk port	30 ±0.5 dB
Gain distribution port	20 dB ±1 dB
Noise gure <sup>1</sup>	< 7.5 dB
Flatness trunk / distribution	±0.75 dB
Forward gain control	0 - 20 dB
Forward slope control	0 - 20 dB
Output level: <sup>2</sup>	
CTB ≤ -60 dBc	106 dB μV
CSO ≤ -60 dBc	106 dB μV
Umax <sup>3</sup>	108 dB μV
Input testpoint (directional)	-20 ±1.0 dB
Output testpoints (directional)	-20 ±0.75 dB
OTHERS	
AC voltage range: remote powering	30 - 60 V AC
AC voltage range: mains powering	230 ±10% V AC
Max. current for RF / AC IN ports	10 A
HUM modulation <sup>4</sup>	≤ -62 for 7 A
Return loss	> 16 dB
Power consumption	< 8 W
Operation temperature range	-40 - 65 °C
RF connectors	PG11
Protection class	IP 67
Dimensions (W x L x H)	225 x 180 x 85 mm
Weight	< 1.5 kg

1. 7.5 dB - 750 MHz; 8.0 dB - from 750 MHz to 862 MHz;  
 2. According to EN50083-3, 9 dB interstage slope between 85 - 862 MHz, 42 channels CENELEC  
 3. 9 dB slope between 85 and 862 MHz  
 4. For f < 862 MHz  
 Unless otherwise speci ed, the whole speci cations are tested with 65 / 85 duplexer lters installed; at room temperature 25°C and present typical values.

Note: Specifications are subject to change without notice.



- \* Frequency range: 45~550/750/862MHz.
- \* EQ range: 0 to -20dB adjust continually
- \* Gain range: 0 to -20dB adjust continually
- \* Output mode 1 way coupler or 2 splitter.
- \* Power supply: AC 60V or AC 220V
- \* Over-current protection and lightning-proof.

## Block Diagrams

