

Features

- CDMA ADPX 836/25/881-A composed of Duplexer and Band Pass Filter (BPF).
- Suitable for CDMA ADPX 836/25/881-A Tower Mounted System Repeaters.
- Very compact size and low weight.

Technical Characteristics

Duplexer (TX) Path

Frequency band	869 MHz ~ 894 MHz
Bandwidth	25 MHz
Insertion Loss	0.8 dB _{typ.}
VSWR	1.3 : 1 _{max.}
Isolation	100 dB _{Cmin.} (@824 MHz ~ 849 MHz)
Coupling Value	30 ± 1.0 dB
Continuous Average Power	100 W _{max.}

Duplexer (Rx1), BPF (Rx2) Path

Frequency band	824 MHz ~ 849 MHz
Bandwidth	25 MHz
Insertion Loss	0.8 dB _{typ.}
VSWR	1.3 : 1 _{max.}
Isolation	100 dB _{Cmin.} (@869 MHz ~ 894 MHz)

Environmental

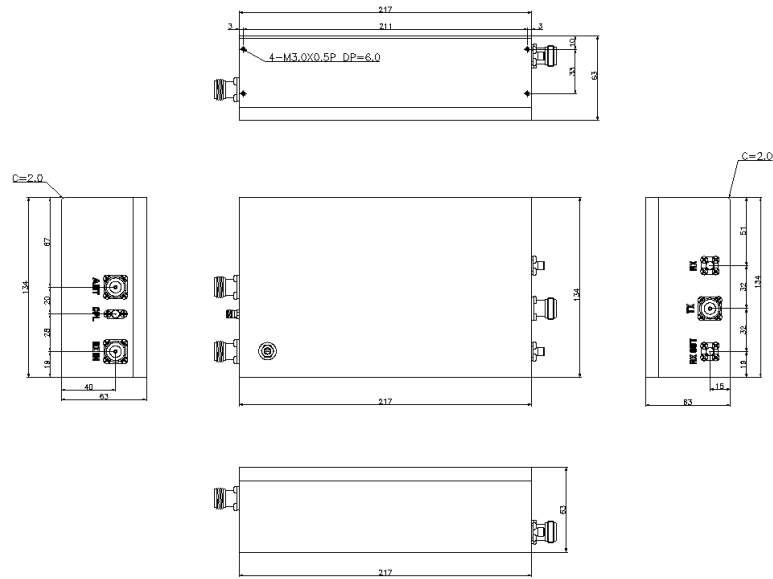
Operating temperature range	-20 to +70 °C
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Mechanical

Dimensions ¹⁾	217 x 134 x 63 mm
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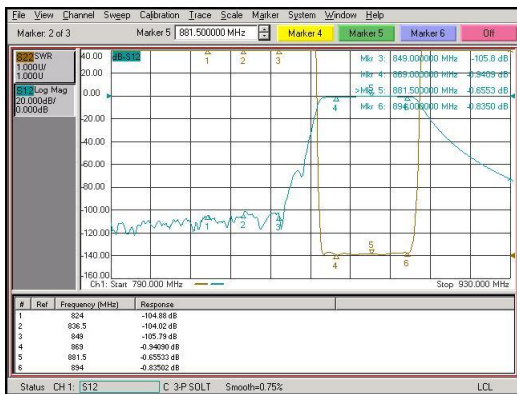
1) Excluding connectors, and mounting bracket extension

Outline Drawing

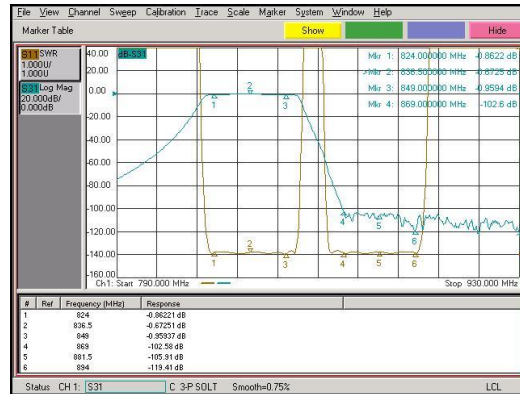


Units : mm, Tolerance : +/- 0.2 mm

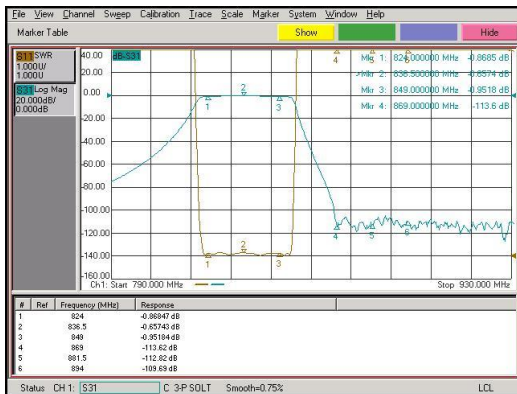
Typical Response



Duplexer (Tx) path Transmission



Duplexer (Rx1) path Transmission



BPF (Rx2) path Transmission