

DMM-1701CA High Linear Combiner and Amplifier Module

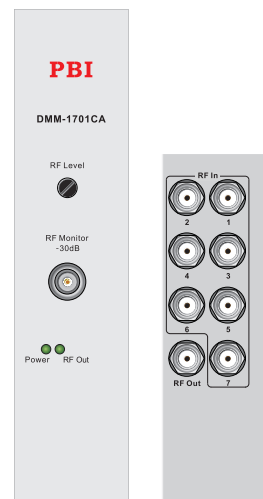
The DMM-1701CA is a high linear combiner and amplifier module which can combine 7 RF inputs into 1 RF output and amplify output level up to 110dBμV per channel. Modular design make it very easy for installation and maintenance. User can adjust gain manually and monitor output RF signal via -30dB monitor port. DMM-1701CA is suitable for both analog and digital system.

Main Feature

- Manual adjusted gain amplifier
- Support -30dB monitor port
- Support 7 RF input into 1 RF output
- Modularized design for easy installation and maintenance

Specification

Connector Type	7 x F type female 75Ω for Input, 1 x F type female 75Ω for output, 1 x F type female 75Ω for -30dB monitor
Frequency Range	48~860MHz
Input Level	100dB μ V(per channel)
Output Level	110dB μ V(per channel)
Input Return Loss	≥7dB
Output Return Loss	≥12dB
CTB	112CH analog, flat, Vo=44dBmV TYP: -62dBc Max.: -60dBc
XMOD	112CH analog, flat, Vo=44dBmV TYP: -58dBc Max.: -56dBc
CSO	112CH analog, flat, Vo=44dBmV TYP: -62dBc Max.: -60dBc
Noise factor	MAX: 6dB
Passband Flatness	MIN: 0.5 dB MAX: 2.5 dB
Isolation between Input Ports	TYP: 20dB MIN: 16.5dB
Isolation between Input and Output Ports	MIN: 27dB



Block Diagram

