

- ◆ Combines LTE-700, SMR-800-GSM-850, PCS-A, PCS-FC, AWS, WCS-2600 services
- ◆ 50 dB Input Isolation
- ◆ 50 W Continuous Power/Input
- ◆ Minimal RF Insertion Loss
- ◆ Rugged, High Reliability
- ◆ Extremely Low PIM
- ◆ RoHS compliant Design



The BK-6002D Hex-plexer has been designed using passive, proprietary techniques to ensure minimal loss and very high reliability. It allows efficient combining or division of the standard cellular bands for use in a base station, coaxial distributed in-building cellular network or DAS.

Frequency Bands:

Input 1:	698 - 787 MHz
Input 2:	817 - 894 MHz
Input 3:	1850 - 1865 and 1930 - 1945 MHz
Input 4:	1890 - 1910 and 1970 - 1990 MHz
Input 5:	1695 - 1780 and 2110 - 2180 MHz
Input 6:	2300 - 2700 MHz

Return Loss: > 18 dB, all ports

Interband Isolation: > 50 dB

Insertion Loss: 1.0 dB max. all paths

Power Max. Rating: 50 W/input port, CW avg.
1 kW peak

Impedance: 50Ω nominal

Intermod. (PIM): <-161 dBc (-118 dBm)
(2 tones of +43 dBm)

DC Pass: All Ports

Lightning Protection: 8/20 waveform, 5 kA

Environment: -40 to +65°C, IP67

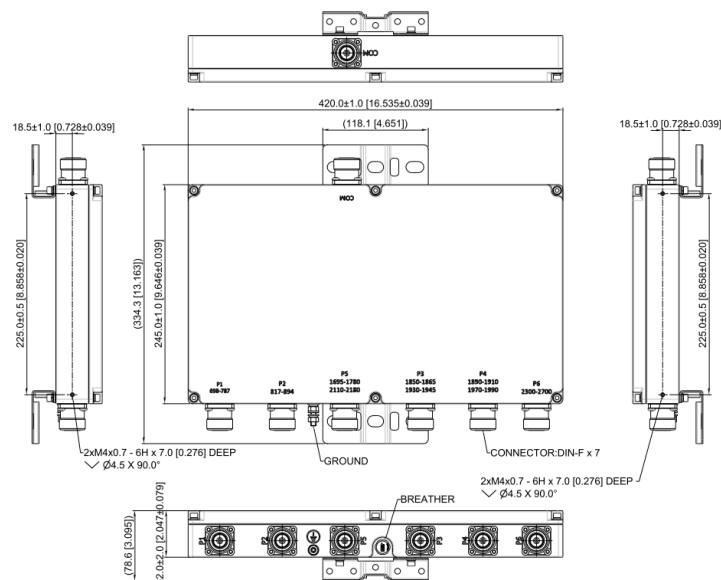
Connectors: 7/16 DIN (f)

Housing Finish: Gray paint

Dimension: 16.53 x 9.65 x 2.05 inches

Weight: 18.7 lb (8.5 Kg)

OUTLINE BK-6002D



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