

Directional Antenna System for WFBE, Flint, Michigan

(Continued)

ANTENNA SPECIFICATIONS

Antenna Type:	MP-6E-DA-HW
Frequency:	95.1 MHz
Number of Bays:	Six

MECHANICAL SPECIFICATIONS

Mounting:	Custom
System length:	34 ft 4 in
Aperture length required:	40 ft 9 in
Orientation:	310° true
Input flange to the antenna 3 1/8 " female.	

ELECTRICAL SPECIFICATIONS

(For directional use)

Maximum horizontal ERP:	34.000 kW (15.315 dBk)
Horizontal maximum power gain:	4.066 (6.0923 dB)
Maximum vertical ERP:	28.467 kW (14.543 dBk)
Vertical maximum power gain:	3.405 (5.321 dB)
Total input power:	8.361 kW (9.222 dBk)

