

OBJECTIVE TECHNICAL INFORMATION

These ratings represent the design objective for this product. Refer to the Preliminary Technical Information sheet for ratings currently achieved in the progression towards design objectives. If PTI sheets do not exist, consult your local Power Tube Department Regional Sales Office.

DEVELOPMENTAL
TYPE

ZM-3146
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ZM-3146

TRAVELING-WAVE TUBE

5 Milliwatts Output
30 Decibels Signal Gain

4000 - 8000 Megacycles
Less Than 10 db Noise Figure

Periodic Permanent Magnet

The ZM-3146 is a ruggedized low-noise traveling-wave tube.

Electrical

Frequency	4000 - 8000 Megacycles
Noise Figure	Less than 10 Decibels
Saturated Power Output, nominal	5 Milliwatts
Small Signal Gain, minimum	30 Decibels
Focusing Method - Periodic Permanent Magnet	

Mechanical

Construction - Metal-Ceramic	
Package Dimensions, approximate	
Length	9.1 Inches
Diameter	2.0 Inches
Total Weight, approximate	2.2 Pounds
RF Connections - Coaxial	

