

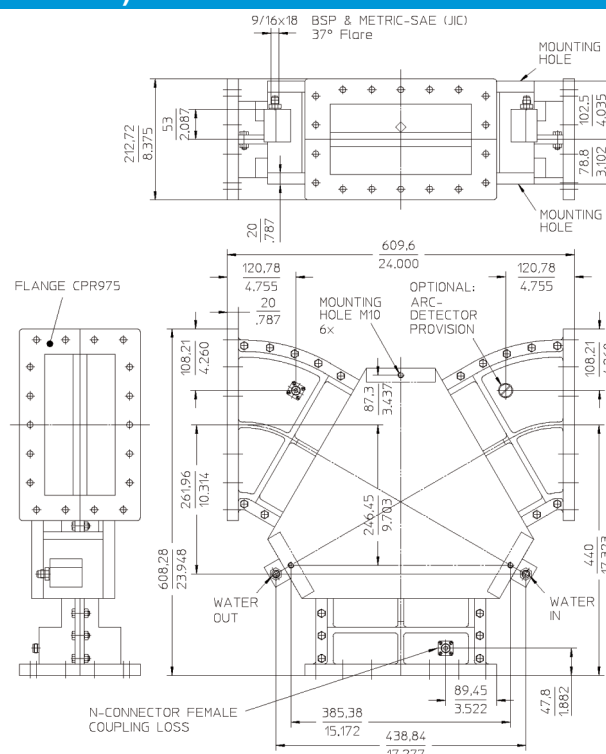
Circulator 1200206

Waveguide Components (30 kW / 915 MHz / WR 975)

Features:

- High power
- High efficiency
- High reliability
- Low insertion loss

Outline Dimensions (mm/inch):



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Circulator 1200206

Industrial Microwave +
Plasma Systems



Specifications:

Frequency:	915 MHz +/-10 MHz
Configuration:	T-type
Power (forward):	30 kW cw
Power (reflected):	30 kW cw (at any phase)
Return loss:	Min. 20 dB (min. 23 dB at center frequency)
Insertion loss:	Max. 0.15 dB (max. 0.1 dB at center frequency)
Isolation:	Min. 20 dB (min. 23 dB at center frequency)
Waveguide:	WR 975
Waveguide flange:	CPR 975
Monitor coupling:	60 dB +/-2 dB (forward and reflected power)
Monitors:	N female (input and load port)
Cooling system:	Demineralized water
Cooling connectors:	9/16 x 18 metric SAE (JIC) 37° flared
Optimum cooling input temperature:	30 °C
Cooling temperature range:	20 °C – 35 °C
Cooling flow:	200 l/h
Cooling input pressure:	6 bar
Ambient temperature range:	15 °C – 40 °C
Relative humidity:	Max. 80%, no condensation
Dimensions:	610 mm x 609 mm x 213 mm