

## FEATURES:

- LOW INSERTION LOSS
- HIGH OUT-OF BAND REJECTION
- RUGGED CONSTRUCTION

## ELECTRICAL CHARACTERISTICS:

Part Number	Frequency Range (GHz)	Pass Band Width	Pass Band VSWR	Insertion Loss @ Fo	Rejection @ Fo ± MHz	Length Inches (mm)
AF29-0019	3.54 to 4.20	Fo ± 12.7 MHz	1.10:1 max.	0.35 dB max.	48 dB ± 70	11.00 (279.40)
AF29-0020	3.54 to 4.20	Fo ± 17.5 MHz	1.10:1 max.	0.15 dB max.	19 dB ± 70	11.00 (279.40)
AF29-0021	3.54 to 4.20	Fo ± 23 MHz	1.10:1 max.	0.60 dB max.	28 dB ± 70	11.00 (279.40)
AF29-0022	3.54 to 4.20	Fo ± 23 MHz	1.10:1 max.	1.20 dB max.	58 dB ± 70	11.00 (279.40)

Specifications are subject to change for continuous improvement.

## MECHANICAL CHARACTERISTICS:

- Dimensions are in inches (millimeters)
- Interface: WR229/CMR-229 Flange
- Finish: Silver Plate QQ-S-365 Type II, Grade A
- Material: Invar 36% Ni, 64% Fe

