

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)
AF37-0041	6.45 to 7.15	Fo ± 12.7 MHz	1.10:1 max.	0.70 dB max.	48 dB ± 70	12.32 (312.93)
AF37-0042	6.45 to 7.15	Fo ± 17 MHz	1.10:1 max.	0.45 dB max.	38 dB ± 70	12.32 (312.93)
AF37-0043	6.45 to 7.15	Fo ± 19 MHz	1.10:1 max.	0.60 dB max.	50 dB ± 70	12.32 (312.93)
AF37-0044	6.45 to 7.15	Fo ± 19 MHz	1.10:1 max.	0.90 dB max.	95 dB ± 70	12.32 (312.93)
AF37-0045	6.45 to 7.15	Fo ± 21 MHz	1.10:1 max.	0.55 dB max.	47 dB ± 70	12.32 (312.93)
AF37-0046	6.45 to 7.15	Fo ± 23 MHz	1.10:1 max.	0.50 dB max.	42 dB ± 70	12.32 (312.93)
AF37-0047	6.45 to 7.15	Fo ± 23 MHz	1.10:1 max.	0.65 dB max.	57 dB ± 70	12.32 (312.93)

Specifications are subject to change for continuous improvement.

MECHANICAL CHARACTERISTICS:

- Dimensions are in inches (millimeters)
- Interface: WR137/CMR-137 Flange
- Finish: Silver Plate QQ-S-365 Type II, Grade A
- Material: Invar 36% Ni, 64% Fe

