

FEATURES:

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

ELECTRICAL CHARACTERISTICS:

Part Number	Frequency Range (GHz)	Pass Band Width	Pass Band VSWR	Insertion Loss @ Fo	Rejection @ Fo ± MHz	Length Inches (mm)
AF42-0015	21.20 to 23.60	Fo ± 250 MHz	1.15:1 max.	0.50 dB max.	20 dB ± 1200	2.00 (50.80)
AF42-0016	21.20 to 23.60	Fo ± 35 MHz	1.10:1 max.	2.70 dB max.	60 dB ± 200	2.60 (66.04)
AF42-0017	21.20 to 23.60	Fo ± 35 MHz	1.10:1 max.	2.70 dB max.	50 dB ± 140	3.00 (76.20)
AF42-0018	21.20 to 23.60	Fo ± 60 MHz	1.22:1 max.	1.30 dB max.	60 dB ± 310	3.00 (76.20)
AF42-0019	21.20 to 23.60	Fo ± 150 MHz	1.10:1 max.	0.40 dB max.	60 dB ± 1200	4.00 (101.60)

Specifications are subject to change for continuous improvement.

MECHANICAL CHARACTERISTICS:

- a) Dimensions are in inches (millimeters)
- b) Interface: WR42/UG-597/U Flange
- c) Finish: Silver Plate QQ-S-365 Type II, Grade A
- d) Material: Invar 36% Ni, 64% Fe or Bronze 90% Cu, 10% Zn

