

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)
AF42-0006	17.70 to 19.70	Fo ± 250 MHz	1.15:1 max.	0.50 dB max.	20 dB ± 1200	2.00 (50.80)
AF42-0007	17.70 to 19.70	Fo ± 60 MHz	1.22:1 max.	1.20 dB max.	50 dB ± 200	3.00 (76.20)
AF42-0008	17.70 to 19.70	Fo ± 27.5 MHz	1.22:1 max.	1.50 dB max.	45 dB ± 140	3.50 (88.90)
AF42-0009	17.70 to 19.70	Fo ± 28 MHz	1.15:1 max.	2.00 dB max.	60 dB ± 310	3.50 (88.90)
AF42-0010	17.70 to 19.70	Fo ± 92.5 MHz	1.22:1 max.	1.50 dB max.	45 dB ± 1200	3.50 (88.90)
AF42-0011	17.70 to 19.70	Fo ± 180 MHz	1.22:1 max.	1.50 dB max.	45 dB ± 200	3.50 (88.90)
AF42-0012	17.70 to 19.70	Fo ± 230 MHz	1.22:1 max.	1.50 dB max.	45 dB ± 140	3.50 (88.90)
AF42-0013	17.70 to 19.70	Fo ± 20 MHz	1.25:1 max.	2.70 dB max.	50 dB ± 310	4.00 (101.60)
AF42-0014	17.70 to 19.70	Fo ± 90 MHz	1.22:1 max.	1.20 dB max.	50 dB ± 1200	4.00 (101.60)

Specifications are subject to change for continuous improvement.

MECHANICAL CHARACTERISTICS:

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

