



**Type 110.571**

- **General:** The Band-pass filters consist of magnetic coupled coaxial resonators with adjustable coupling. Each end of the resonator is an open-circuit while one end is short-circuited and tuning is accomplished by rotating the round centre conductor at the lowest end of each resonator.
- **Filtering:** Filters are used for Star Point combining filters composed form a number of band-pass filters and a junction point with defined lengths in order to provide adequate isolation between transmitters.

### ELECTRICAL SPECIFICATIONS

Frequency Range	470 – 860 MHz
Impedance	50
Connector	7/8" EIA
Max. Power	1 kW
VSWR	< 1.1
Typical insertion loss	1.0 dB

### MECHANICAL SPECIFICATIONS

Material:	
External	Silver plated Brass, PTFE
Internal	Aluminium
Color (primed and painted)	Gray
Weight	5.9 kg
Temperature range	-10 C 50 C
Dimensions	302x181x90 mm

### Star Point UHF Combining Filters

Type	Input Transmitters	Connector		Insertion loss	Maximum Power per Transmitter (kW)
		Input	Output		
110.116	2	7/16 DIN	7/16 DIN	1.0	0.8
110.117	3	7/16 DIN	7/16 DIN	1.0	0.8