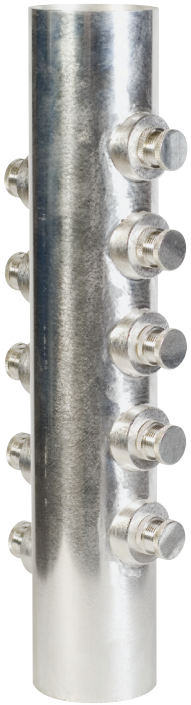
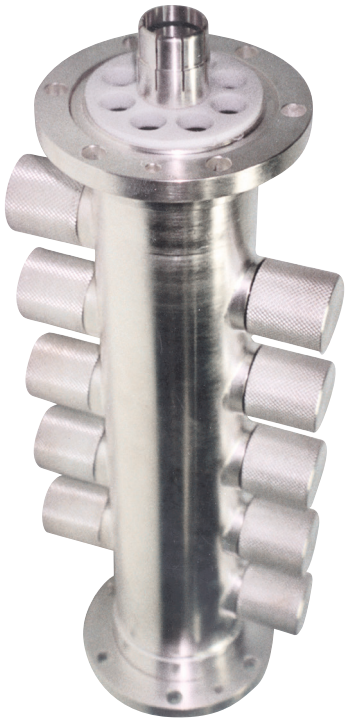
Matching Sections





PRODUCT FEATURES

- All line sizes up to 6 1/8"
- Gas tight versions available
- Flange and unflange options
- FM, VHF and UHF versions available

PRODUCT PROFILE

These high-quality units are constructed from low-loss material. Tuners can vary in number up to 10 depending on application and are available in both pressurised and non-pressurised versions. Available in all rigid line sizes up to 6 1/8" for VSWR matching in all radio and TV bands.

ARTICLE	MATC-7160-A0	MATC-7160-AA00	MATC-R158-A0	MATC-158F-B0	MATC-R318-AA00	MATC-318F-A0
FREQUENCY	470 - 860 MHz	300 - 1000 MHz	470 - 860 MHz	470 - 860 MHz	470 - 860 MHz	470 - 860 MHz
IMPEDANCE	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm
MATCHING CAPABILITY AT OPERATING CHANNEL VSWR						
	1.05 to 6	1.05 to 1.29 (470-860 MHz)	1.05 to 6	1.05 to 6	1.05 to 6	1.05 to 6
CONNECTION	7/16 female	7/16 female/ male	1 5/8" unflange	1 5/8" flange	3 1/8" unflange	3 1/8" flange
TYPE	Outdoor	Indoor	Indoor	Outdoor	Indoor	Outdoor
DIMENSIONS	Diam 20 mm (0.78 in) Length 310 mm (12.2 in)	Diam 20 mm (0.78 in) Length 310 mm (12.2 in)	Diam 52 mm (2.0 in) Length 436 mm (17.16 in)	Diam 89 mm (3.5 in) Length 370 mm (14.58 in)	Diam 77 mm (3.03 in Length 370 mm (14.58 in)	Diam 77 mm (3.03 in) Length 370 mm (14.58 in)
WEIGHT	~3 kg (6.6 lb)	~3 kg (6.6 lb)	11 kg (24 lb)	12 kg (26.46 lb)	~13 kg (28.6 lb)	16 kg (35.28 lb)

ARTICLE	MATC-RL98-AA00	MATC-R412-AA00	MAT4-618F-AA00	MATC-R618-A0
FREQUENCY	470 - 860 MHz	470 - 860 MHz	470 - 860 MHz	470 - 860 MHz
IMPEDANCE	50 Ohm	50 Ohm	50 Ohm	50 Ohm
MATCHING CAPABILITY AT OPERATING CHANNEL VSWR				
	1.05 to 6	1.05 to 6	1.05 to 6	1.05 to 6
CONNECTION	RL98 unflange	4 1/2" unflange	6 1/8" flange	6 1/8" unflange
TYPE	Indoor	Indoor	Outdoor	Indoor
DIMENSIONS	Diam 100 mm (3.94 in) Length 423 mm (16.66 in)	Diam 106 mm (4.17 in) Length 423 mm (16.65 in)	Diam 164 mm (6.46 in) Length 501 mm (19.72 in)	Diam 164 mm (6.46 in) Length 422 mm (16.62 in)
WEIGHT	~14 kg (22.05 lb)	~14 kg (22.05 lb)	~18 kg (40 lb)	~11 kg (24 lb)