

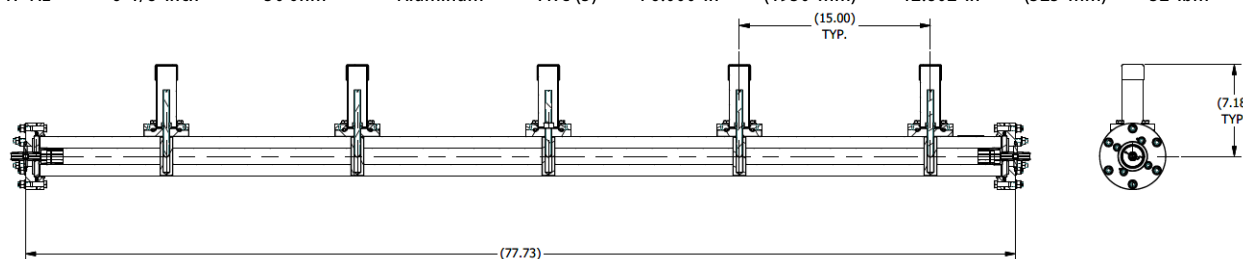
FM Coaxial Fine Matchers

ERI FM Coaxial fine matcher, fixed flanged both ends for the FM broadcast band (88 to 108 MHz). All models include one captive inner connector, an O ring, and one flange hardware kit. Five (5) tuners. They can be pressurized for outdoor use, 76-inches flange to flange (STD150-FTF is 77.73-inches flange to flange). Tuners include locking nuts and pressure-tight caps. They do not include mounting brackets or hardware. These are available from ERI at additional cost. Maximum input power handling capability is 90% of the transmission line rating.

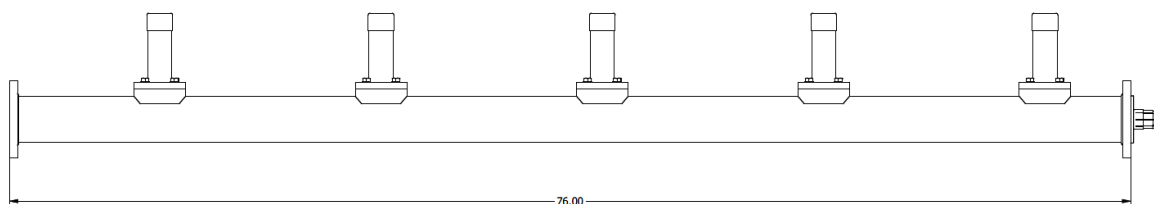
Part Number	VSWR Compensation
STD150-FTF	1.20
STD350-FTF	1.20
STD350-FTF-AL	1.20
STD450-FTF	1.25
STD450-FTF-AL	1.25
STD650-FTF	1.40
STD650-FTF-AL	1.40

FM Coaxial Fine Matcher Specifications

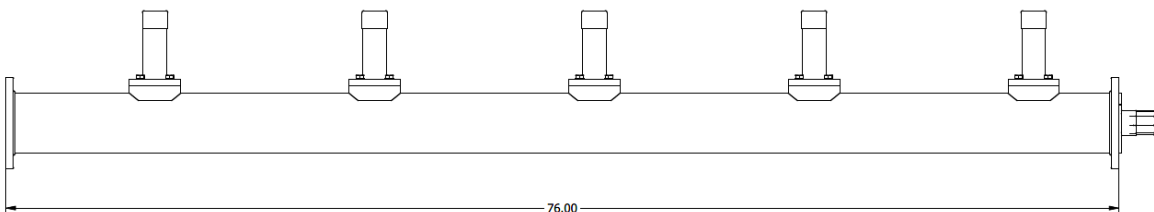
Part Number	Line Size	Impedance	Outer	Tuners	Length	Height	Weight
STD150-FTF	1-5/8-inch	50 ohm	Copper/Brass	Five (5)	77.730-in (1974-mm)	8.182-in (208-mm)	50-lbm (22.7-kg)
STD350-FTF	3-1/8-inch	50 ohm	Copper/Brass	Five (5)	76.000-in (1930-mm)	9.870-in (251-mm)	38-lbm (17.3-kg)
STD350-FTF-AL	3-1/8-inch	50 ohm	Aluminum	Five (5)	76.000-in (1930-mm)	9.870-in (251-mm)	18-lbm (8.2-kg)
STD450-FTF	4-1/16-inch	50 ohm	Copper/Brass	Five (5)	76.000-in (1930-mm)	10.870-in (276-mm)	48-lbm (21.8-kg)
STD450-FTF-AL	4-1/16-inch	50 ohm	Aluminum	Five (5)	76.000-in (1930-mm)	10.870-in (276-mm)	23-lbm (10.2-kg)
STD650-FTF	6-1/8-inch	50 ohm	Copper/Brass	Five (5)	76.000-in (1930-mm)	12.802-in (325-mm)	66-lbm (29.9-kg)
STD650-FTF-AL	6-1/8-inch	50 ohm	Aluminum	Five (5)	76.000-in (1930-mm)	12.802-in (325-mm)	32-lbm (14.5-kg)



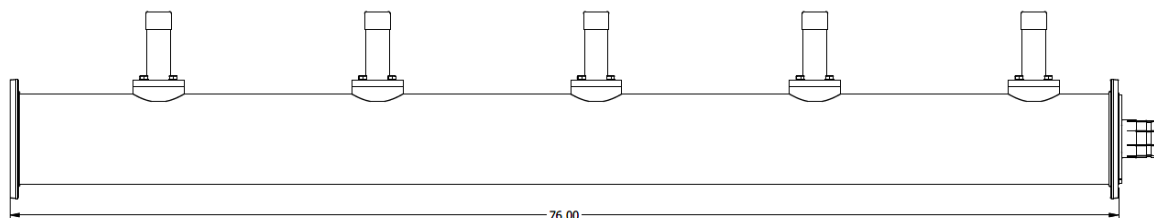
STD150-FTF 1-5/8-inch FM coaxial fine matcher. The dimensions shown are inches.



STD350-FTF 3-1/8-inch FM coaxial fine matcher. The dimensions shown are inches.



STD450-FTF 4-1/16-inch FM coaxial fine matcher. The dimensions shown are inches.



STD650-FTF 6-1/8-inch, 50-ohm, FM coaxial fine matcher. The dimensions shown are inches.