

# STL (7 GHz) / ISM (5.8 GHz) Diplexer

## Model 17322

This diplexer allows broadcasters to run their station's IP operations (ISM band) through the same antenna as their broadcast auxiliary services (STL band).

The model **17322** provides a low band path (5.725-5.850 GHz) for the unlicensed ISM feed and a broadband path for the STL (7 GHz) feed.

Ideal for applications that use pre-filtered (7 GHz) radios.

**Note:** When using non-filtered radios, refer to our model 16940 diplexer.

- *Optimizes Performance* – No need to “patch-in” the ISM through the STL antenna via “lossy” circulator/filter assemblies.

- *Saves Revenue* – Eliminates the need for a separate ISM antenna system.

### Specifications:

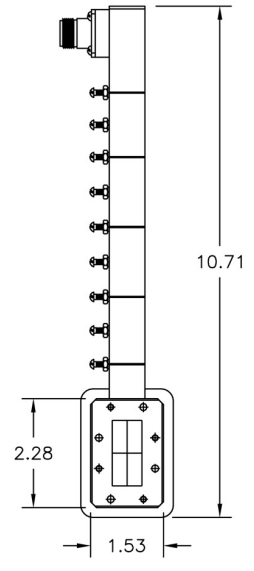
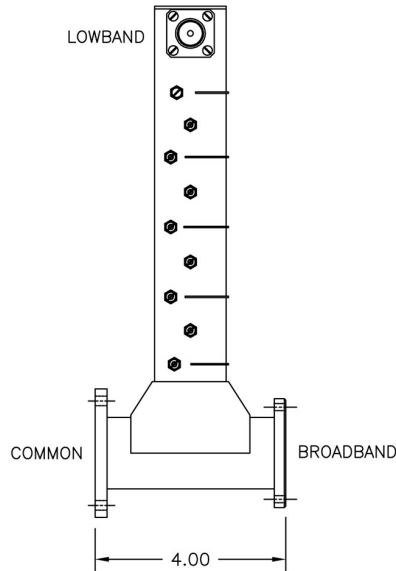
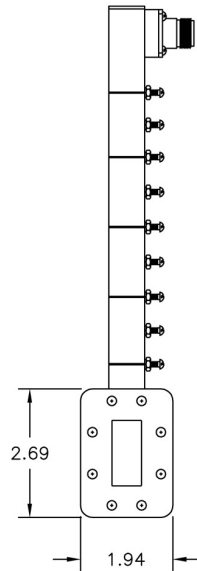
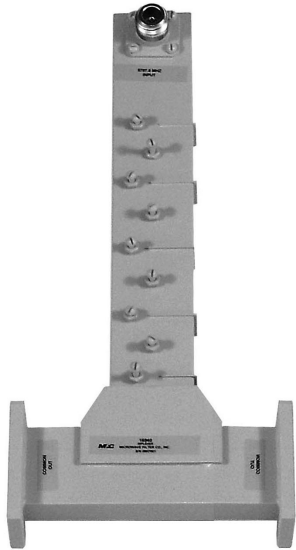
Lowband .....	5.725-5.850 GHz
Lowband Loss.....	0.5 dB Max
Lowband Return Loss.....	20 dB Min
Lowband Rejection.....	60 dB Typ; 50 dB Min @ (6.875-7.125) GHz
Broadband.....	STL (7 GHz) Feed
Power .....	5 Watts
Interface .....	See Chart

Note:

Alternate flange/connector configurations are available upon request

Model	Interface		
	Lowband	Broadband	Common
<b>17322</b>	N-female	CMR137	CPR137
<b>17322-CPR</b>	N-female	CPR137	CPR137
<b>17322-CMR</b>	N-female	CMR137	CMR137
<b>17322-UG344</b>	N-female	* UG344/U	* UG344/U

\* Circular Cover



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