

The Combined Times Newsletter - November 2018

[Home](#) | [Products](#) | [Contact Us](#)

PRODUCT SPOTLIGHT

EMR Antenna Duplexers

Practical and Economical Designs
From Base Station to Mobile



EMR Antenna Duplexers are built to tackle a wide variety of difficult to combine situations. From base station to mobile, standard to highly custom, our time tested designs provide durable duplexing solutions built to last!

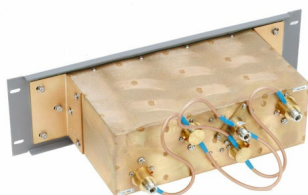
- High "Q" Square cavities.
- Space saving designs.
- High isolation, minimal interference.
- Temperature compensated for consistent performance across power ranges.
- Low insertion loss, maximizing effective radiated power.
- All EMR products backed by 5 year warranty!



Compact, rugged design Ideal for mobile applications.

[65316-0/MC\(5G\) spec sheet](#) | [Browse Category](#)

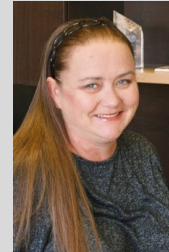
EMR Mobile Antenna Duplexers allow for bi-directional communication over a single common antenna and are ideal for applications that call for a compact rugged unit where space is limited, such as in a vehicle. Minimum 5 MHz frequency separation.



EMR EN Series Antenna Duplexers allow both a transmitter and a receiver to share a common antenna allowing bi-directional (duplex) communication over a single channel. Featuring

MEET THE TEAM!

Michelle has been with EMR Corp. for over 14 years and is probably the first person you will speak with



when you call. She is excellent at multi-tasking and is very knowledgeable on our products. When not at the office Michelle enjoys spending time with her two granddaughters and is a lover of animals including her cat named Trouble. Michelle is also a "crazy NASCAR fan", in her own words. Maybe this is why she is always running around at full speed! ...

[More About EMR Corp](#)



EMR will be closed
for Thanksgiving

THURSDAY NOVEMBER 22

FRIDAY NOVEMBER 23

Wishing you and
yours a safe and
happy holiday!

compact, high Q cavities, requiring less rack space than standard 4 inch cavities. The cavities are arranged in an order which provides enough isolation to keep the transmitter from interfering with the receiver.

[64534/ENC spec sheet](#) | [Browse Category](#)



EMR pass-notch duplexers allow for the simultaneous use of a transmitter and receiver on a single common antenna.

Our signature square cavities provide greater Q while requiring less space than conventional round cavities.

[65544/SNC spec sheet](#) | [Browse category](#)



EMR 526 Series Duplexers use six pass-reject dual-notch resonators with three resonators per channel as the normal arrangement. This

product utilizes the superior RF conductivity of copper for unmatched performance. These units are suitable for duplexing or two channel TX combining available with reversible mounting brackets to allow flush rack mounting with rear connections.

[526-5-SR-1 spec sheet](#) | [Browse category](#)



All EMR products backed by 5 year warranty and are proudly Made in the USA!



TECHINCAL RECAP

Where Losses Occur In Transmitting Systems:

From: [The 50 Ohm enigma](#), by William F Lieske Sr.

The simple answer is: Anything that conducts power will contribute to circuit losses, particularly, if the dynamic impedances of all elements are not matched to each other. Cables conduct power and, therefore, contribute to losses. In the wireless industry the standard impedance characteristic of systems has been 50 Ω for at least fifty years. Accordingly, all devices and cables must exhibit this impedance for highest overall system efficiency. To complement these cables 50 Ω connectors must be employed.... [Read More](#)

UPCOMING EVENTS



IWCE Conference

March 4-8th 2019

Las Vegas Convention Center

Receive free 2 day hall passes to the event compliments of EMR Corp!

[Click Here](#)

For more information on this news release contact sales@emrcorp.com