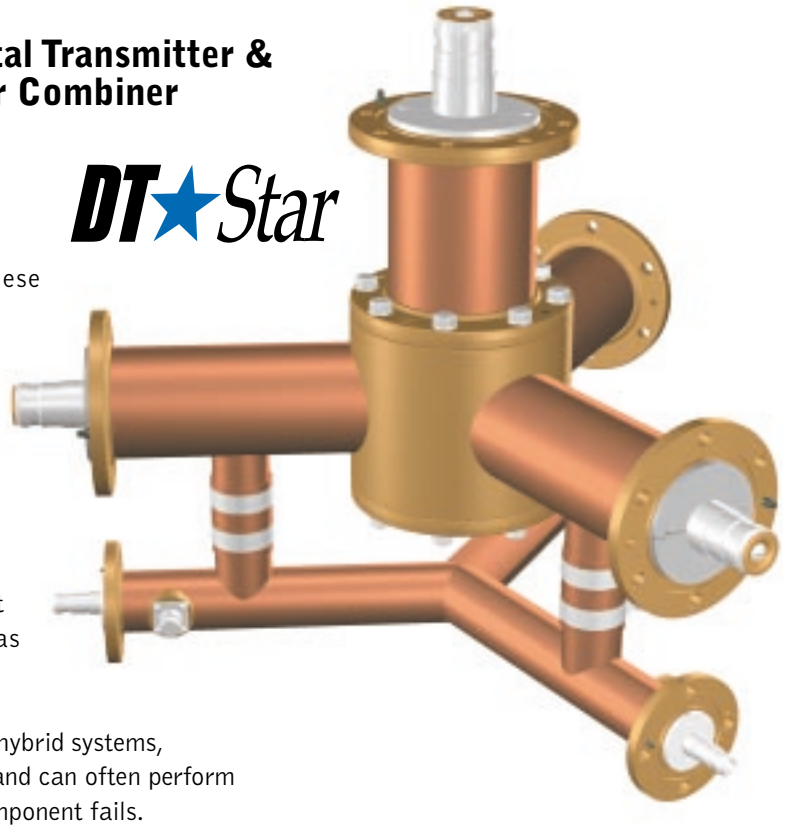

# A Perfect Match

## Your Solid State UHF Digital Transmitter & NEW *DT★Star* Gysel Power Combiner



Now that you've invested in a solid state, digital UHF transmitter don't compromise your advantage with an outmoded hybrid power combiner. Fact is, these hybrid systems require expensive phased lines, complex switching schemes to maintain output during faults, and take up valuable space.

New MYAT *DT★Star* N-Way UHF power combiners, on the other hand, are elegantly simple, compact, integrated solutions that use the same level of technology as your new digital transmitters. Moreover, *DT★Star* combiners offer substantially better fault tolerance than hybrid systems, so you maintain greater signal strength and can often perform on air maintenance if a transmission component fails.

*These technologically advanced Gysel combiners provide steady, efficient, reliable power and offer all of these advantages over hybrid systems:*

- Compact, small footprint design
- Fault tolerant
- Easy to install
- Lower insertion loss
- Requires no expensive switching devices
- Enhanced isolation of input ports
- Inputs remained matched even if one or more ports are removed or faulted
- Available directional couplers monitor imbalances at input ports
- Load input monitoring for phase matching
- Low resistance DC discharge path for static buildup on antennae and feed lines
- Performance unaffected by temperature changes
- ***No*** adjustments required
- No moving parts to fail or maintain
- Available in 3 to 5-way UHF models

## Let MYAT Build A *DT★Star* For Your Application

For a quote on a *DT★Star* from MYAT simply contact us with the following information:

- Channel of operation
- Number of inputs
- Input impedance (typically 50 ohm)
- Output impedance (typically 50 ohm)
- Power levels

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