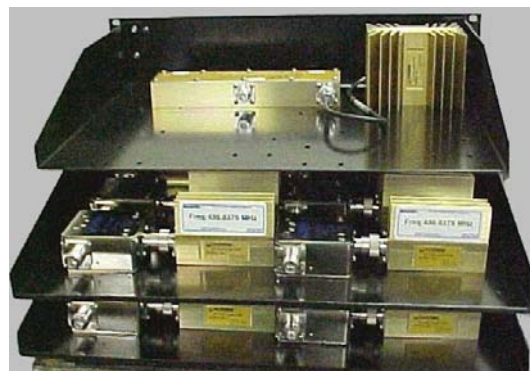




## ***Transmitter Hybrid Combiner***

- The THC450-3D is a 3-way transmitter hybrid combiner.
- Each transmitter is equipped with 2<sup>nd</sup> harmonic filters and dual stage isolators.
- Designed to couple three transmitters into a single antenna.
- 19" Rack compatible, 4U high.



Electrical Data	THC450-3D
Frequency Range	380 – 470 MHz
Number of channels	3
Min. Channel separation	None
Max. Insertion loss with isolator	≤ 7.5 dB per channel (Max)
Max. Input VSWR	≤ 1.3:1
Max. Power input per channel	50 Watts
Min. Isolation Tx-Tx	75 dB
Min. Isolation ANT-Tx	56 dB
Max. Reflected power per channel	50 Watts
Termination	N-Type female

Mechanical Data	
Temperature range	-10° to +60° C
Width	483 mm
Height	266 mm
Depth	450mm
Packaged weight	15kg
Volume	2 off 58 x 55 x 18 cm

NOTE: The amount of transmitters to be combined ranges between 2-16 channels.  
Contact factory for further details.