



## ***Transmitter Hybrid Combiner with Filter***

- The THC450-4DS is a 4-way transmitter hybrid combiner.
- Each transmitter channel is equipped with 2<sup>nd</sup> harmonic filters and dual stage isolators.
- Designed to couple four transmitters into a single antenna.
- The Low Band Pass Filter (LBPF400/6) is placed at the combined port to prevent interference and increase isolation between transmitters and receivers.
- 19" Rack compatible, 6U high.



Electrical Data	THC450-4DS
Frequency Range	380 – 470 MHz
Number of channels	4
Min. Channel separation	None
Max. Insertion loss with isolator	8.6 dB per channel
Max. Input VSWR	≤ 1.3:1
Max. Power input per channel	125 Watts
Min. Isolation TX -TX	75 dB
Min. Isolation ANT-Tx	56 dB
Max. Reflected power per channel	75 Watts
Termination	N-Type female

Mechanical Data	THC450-4DS
Temperature range	-10 ° to +60 ° C
Width	483 mm
Height	118 mm
Depth	450 mm
Packaged weight	14 kg
Volume	3 off 58 x 55 x 18 cm