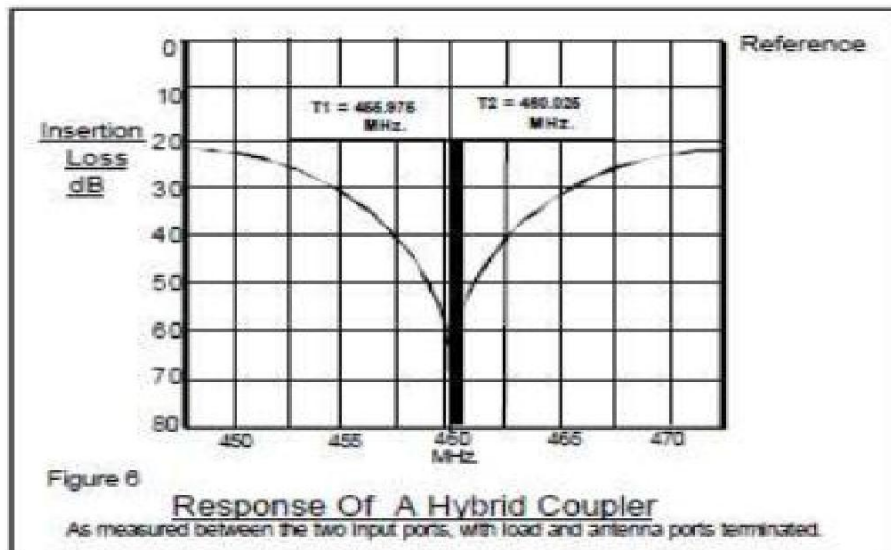
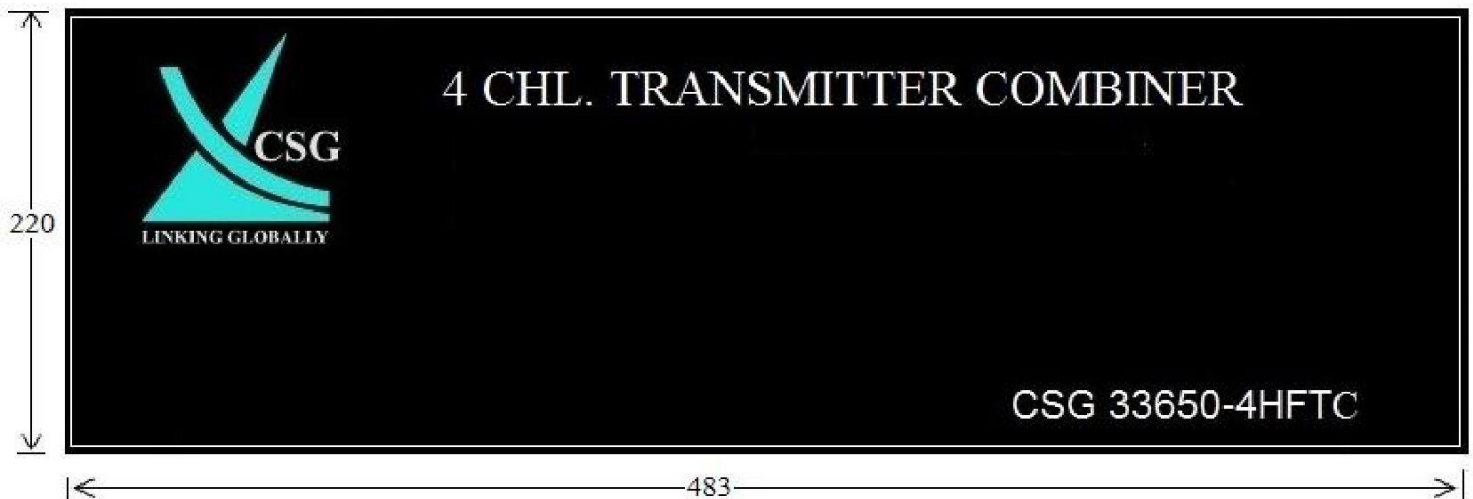




HYBRID FERRITE TRANSMITTER COMBINER

The CSG 33650-4HFTC series of Hybrid Combiners are used to combine multiple RF Signals from Tx ports of base stations / repeaters in Multi-Channel Analog , Digital radios to a common port which is generally connected to Tx port of the duplexer. With the use of power handling hybrid couplers, ferrite isolators, filters and load terminations, many transmitters are thus coupled together.

4-way combiners will have two hybrid splits at 3.3 dB each plus isolator and conducted losses for an average of 7.0 to 7.2 dB loss per path channel loss





HYBRID FERRITE TRANSMITTER COMBINER CSG 33650-4HFTC

PARAMETER	SPECIFICATIONS
Frequency Band	300 - 650 MHz
Number of channels	4
Max. Power per channel	125 watt
Insertion Loss	≤ 7.0 dB
Isolation Tx / Tx	≥ 70 dB
Isolation Ant / Tx	≥ 60 dB
Impedance	50 Ω
Max. VSWR Input / Output	1.1 : 1 / 1.3 : 1
Isolator	Dual
Connectors	N (Female)
Temperature Range	-30 to +60 ° C
Dimensions Approx. (H x W x	267 x 483 x 369 mm
Required Rack Units	6
Weight Approx.	10 Kg



Optional : Hybrid Ferrite Transmitter Combiner in other capacity e.g. 4, 8, 16, are available