

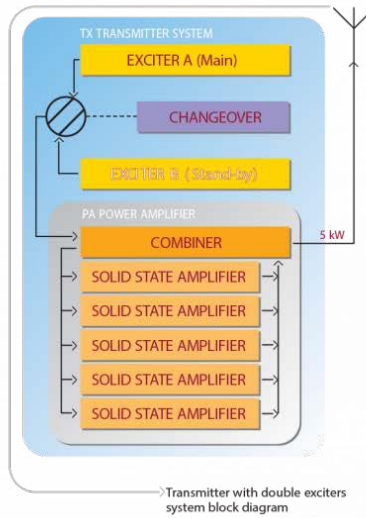
REDUNDANT TRANSMITTERS SYSTEM

Configuration examples for redundant transmission systems.

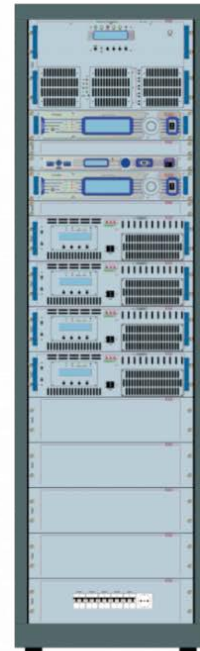
Double exciter

This system is composed of 2 exciters A and B, in which one is ON and the other is OFF. In case the unit that is on fails, it will be replaced by the second unit.

> Double exciter system



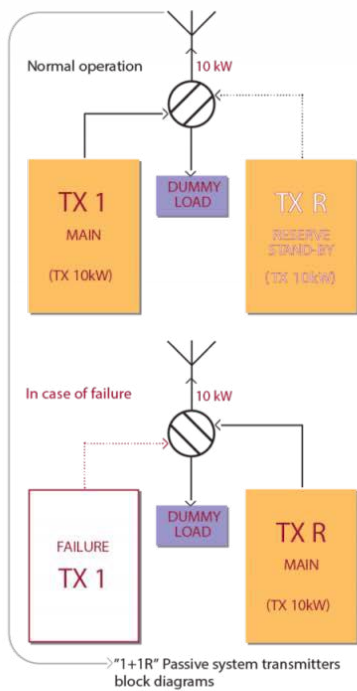
This system is composed of 2 exciters A and B, in which one is ON and the other is OFF. In case the unit that is on fails, it will be replaced by the second unit.
 This system is used to drive combined MOSFET transmitters with a high intrinsic redundancy. The major benefit of this system is to guarantee high reliability at a minimum cost, being the coaxial relay an economic device thanks to the low power handled.



"1+1R" Passive system transmitters

This system is composed of 2 transmitters, A and B, in which 1 is ON and is connected to the antenna and the second is OFF and is connected to the dummy load. In case the operating transmitter fails, it is immediately replaced with the second unit.

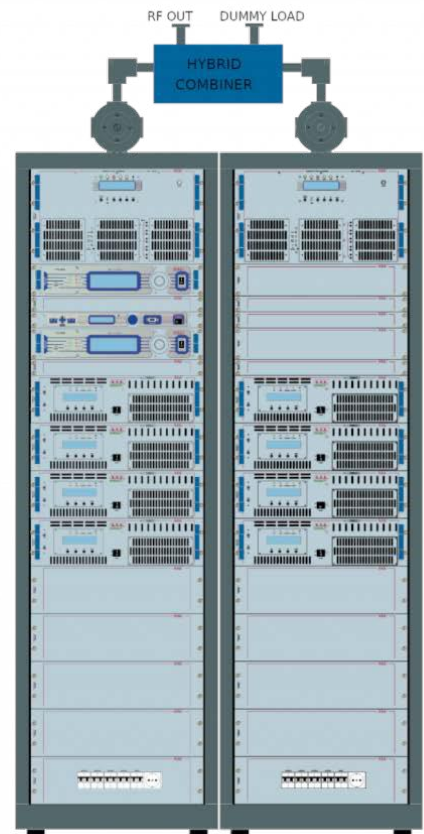
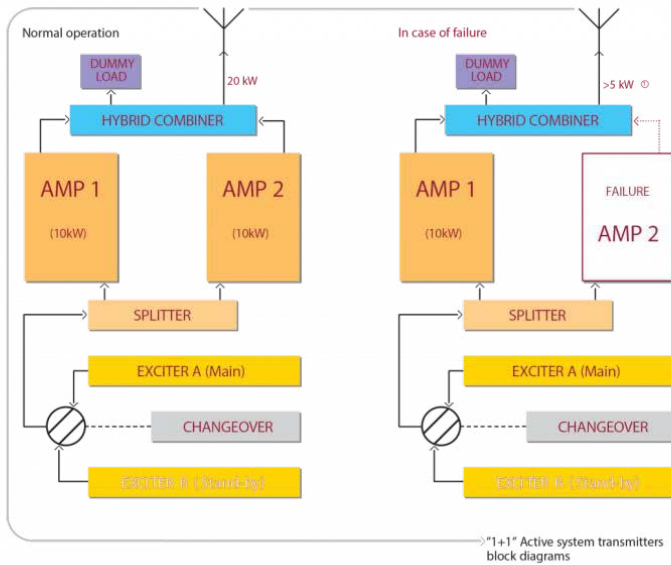
> "1+1R" Passive system transmitters



"1+1R" Active system transmitters

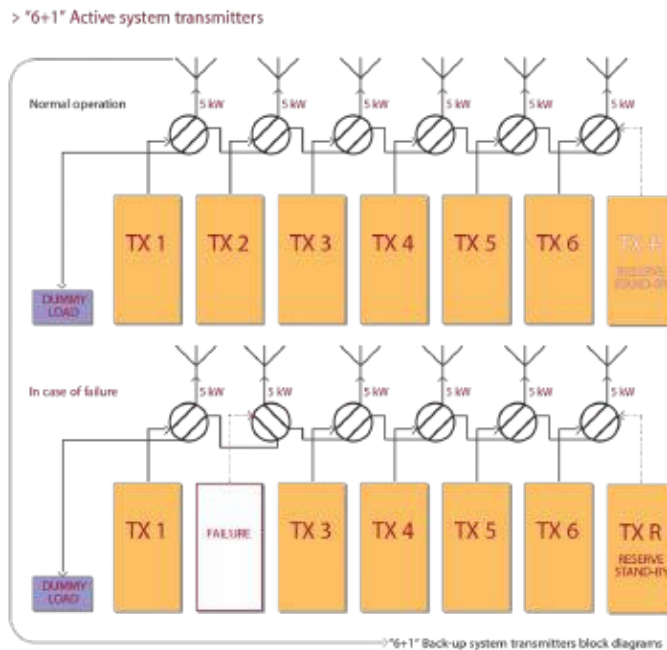
This system is composed of 2 transmitters, A and B, in which 1 is ON and is connected to the antenna and the second is OFF and is connected to the dummy load. In case the operating transmitter fails, it is immediately replaced with the second unit.

> "1+1" Active system transmitters



"6+1R" Activesystem transmitters

This system is composed of "N" transmitters connected to the antenna and 1 transmitter used as back-up unit that is connected to the dummy load. In case one of the "N" transmitters fails it is immediately replaced with the back-up unit and the faulty unit is switched to the dummy load.





R.V.R. Elettronica S.r.l.
Via del Fonditore 2/2
40138 Bologna - Italy
Phone +39 0516010506
sales@rvr.it

www.rvr.it