



150 W VHF BASE STATION DUPLEXER CSG 1144-150 CNX

PARAMETER	SPECIFICATIONS	
Frequency Band	144 - 190 MHz	
Input Power	150 Watt (Capable up to 200 Watt)	
Cavity Size / Qty.	4" / 6 Nos	
Spacing	0.50 MHz	15.0 MHz
Insertion Loss	≤ 1.80 dB	≤ 1.20 dB
Isolation	≥ 90 dB	
VSWR	1.3:1	
Impedance	50 Ω	
Connectors	N (Female)	
Dimensions Approx.(H x W x D)	826 x 483 x 207 mm	
Weight Approx.	32.3 Kg	



WE ALSO UNDERTAKE DESIGNS PER YOUR REQUIREMENT



250 W UHF BASE STATION DUPLEXER

CSG 1430-250 N6X

PARAMETER	SPECIFICATIONS
Frequency Band	420 - 470 MHz
Configuration	Pass Notch , 6 Cavity, 4x4x12 Inches
Input Power	250 Watts (4 carriers)
Spacing	5.0 MHz
Insertion Loss	≤ 1.5 dB
Isolation TX-Rx , Rx-TX	≥ 80 dB
VSWR	1.25:1
Impedance	50 Ω
Connectors	N (Female)
Dimension Approx. (H x W x D)	223 x 483 x 419 mm, 5 RU
Weight Approx.	15.0 Kg



150 W VHF BASE STATION DUPLEXER

CSG 1144-150 4CNX

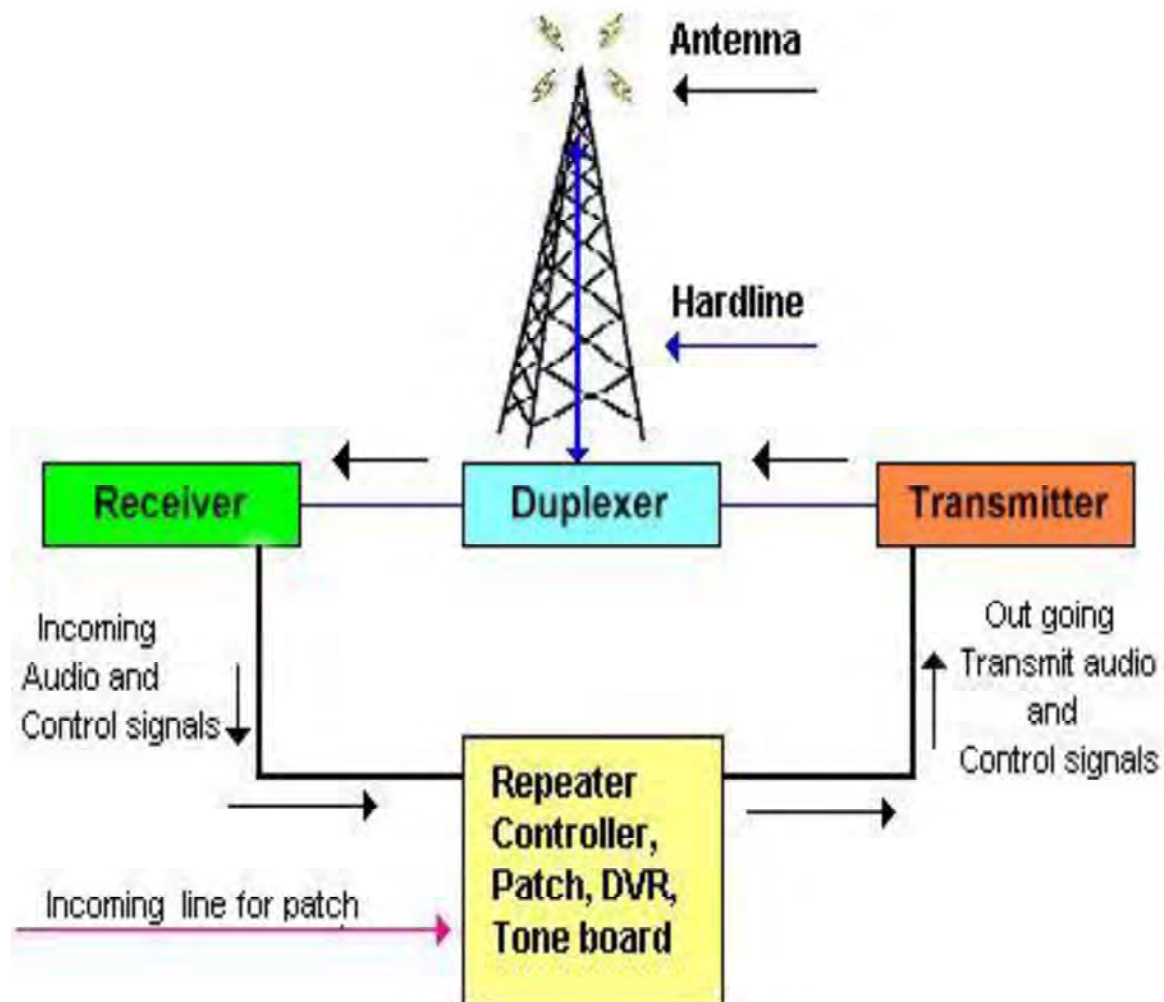
PARAMETERS	SPECIFICATIONS	
Frequency Band	144-190 MHz	
Input Power	150 W	
Cavities Size / Qty	4" / 4	
Spacing	1.00 MHz	15 MHz
Insertion Loss	0.8 dB	1.2 dB
Isolation	≥ 80 dB	
Connectors	N Female	
Dimensions (HxWxD)	826 x 483 x 115mm	
Weight(Approx.)	15.0Kg	
Temperature Range	-30 – + 60 °C	



WE ALSO UNDERTAKE DESIGNS PER YOUR REQUIREMENT

100 W VHF BASE STATION DUPLEXER CSG 1144-100 NX

The CSG 1144-100 NX series of VHF Duplexers are used to simultaneously transmit and receive from a single antenna. They are three-port devices comprising a combination of transmit and receive filters with a common antenna port. Duplexers are designed for various application based on operational frequency and utility. As an example, mobile duplexers are designed to handle low power and are very compact in size. Base station duplexers are designed to handle higher base radio power and generally designed to be mountable in standard equipment racks





100 W VHF BASE STATION DUPLEXER CSG 1144-100 NX

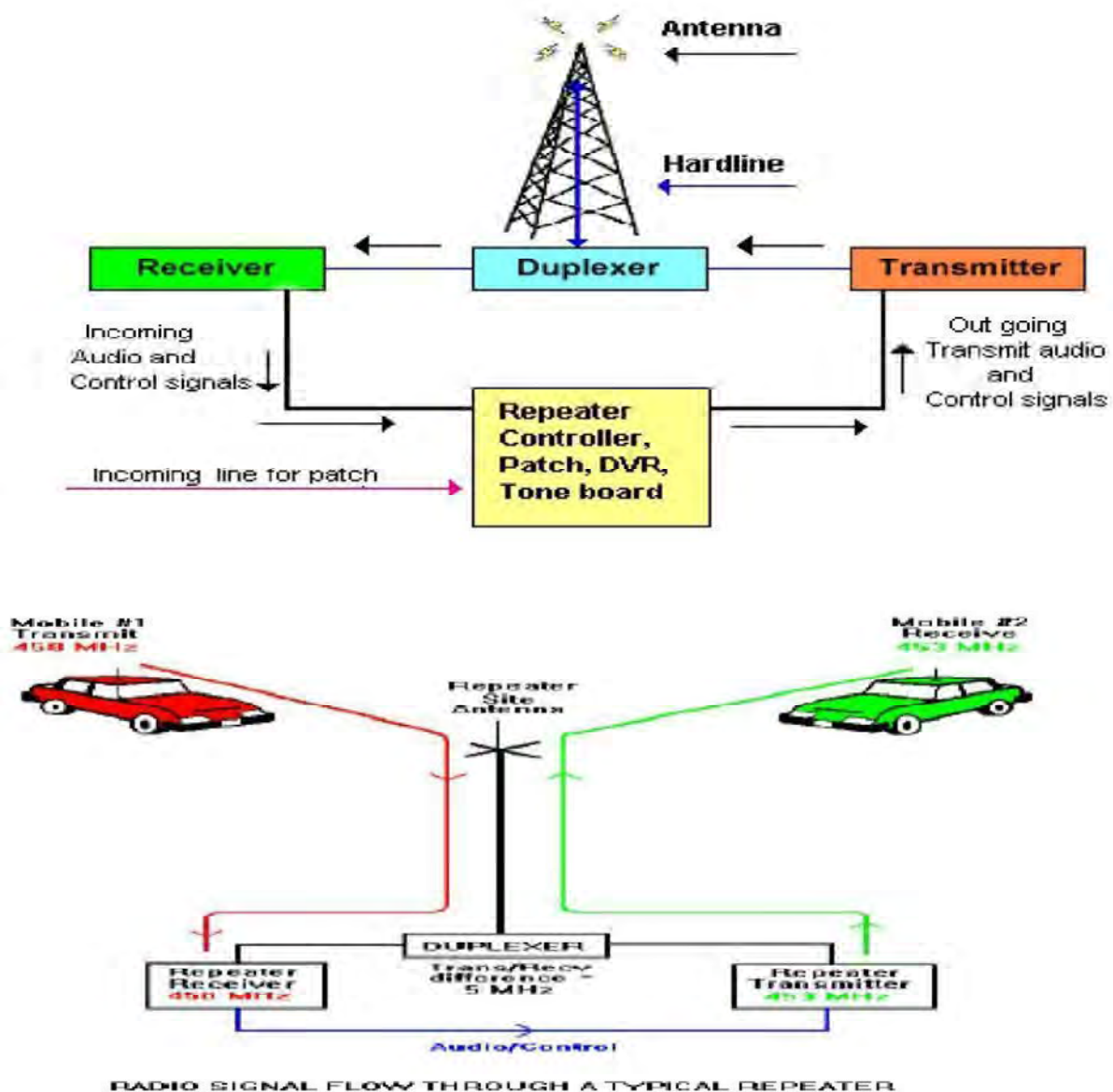
PARAMETERS	SPECIFICATIONS	
Frequency Band	144-190MHz	
Configuration	Pass Notch, 6 Cavity, 3 Inch	
Input Power	100 Watt	
Spacing	3.0MHz	5.0MHz
Insertion Loss	≤2.0dB	≤1.2dB
Isolation	≥80dB	
VSWR	1.3:1	
Impedance	50Ω	
Connectors	N(Female)	
Dimensions Approx.(H×W×D)	89×483×381mm	
Weight Approx.	5Kg	



WE ALSO UNDERTAKE DESIGNS PER YOUR REQUIREMENT

100 W UHF BASE STATION CSG 1450-100 NX

The CSG 1450-100 NX series of UHF Duplexers are used to simultaneously transmit and receive from a single antenna. They are three-port devices comprising a combination of transmit and receive filters with a common antenna port. Duplexers are designed for various application based on operational frequency and utility. As an example, mobile duplexers are designed to handle low power and are very compact in size. Base station duplexers are designed to handle higher base radio power and generally designed to be mountable in standard equipment racks





100 W UHF BASE STATION CSG 1450-100 NX

PARAMETERS	SPECIFICATIONS	
Frequency Band	375-512MHz	
Configuration	Pass Notch, 4 Cavity, 3 Inch	
Input Power	100 Watt	
Spacing	5.0MHz	3.0MHz
Insertion Loss	$\leq 1.0\text{dB}$	$\leq 0.8\text{dB}$
Isolation	$\geq 80\text{dB}$	
VSWR	1.25:1	
Impedance	50 Ω	
Connectors	N(Female)	
Dimensions Approx.(H×W×D)	143×483×274mm	
Weight Approx.	3.2Kg	

Product Picture:



WE ALSO UNDERTAKE DESIGNS PER YOUR REQUIREMENT