



Diplexer - DCS/UMTS
[Model No: VRDP-1821-05]

DCS/UMTS Diplexer is high performance equipment used to enable sharing feeder from DCS 1800 and UMTS band signals from the same / different operator(s). These diplexers are characterized by:

- Low Insertion Loss
- High Isolation between Inputs
- Excellent return loss at all the ports
- Rugged and Reliable Construction
- Fully sealed and suitable for indoor as well outdoor use

With proper choice of connectors and metal joints handling, they display excellent third order inter-mod performance. Even outside the specified band they perform well.

Specifications:

Frequency range	
Pass Band I	1710 – 1880 MHz
Pass Band II	1920 – 2170 MHz
Insertion Loss	
Pass Band I	0.25 dB (Max)
Pass Band II	0.35 dB (Max)
Cross Band Rejection	50 dB
VSWR (all Ports)	< 1.25
Impedance	50 Ω
Input Power	200 W (max)
Inter-modulation Products	< -160 dBc
Operating Temperature	-10° C – 50° C
Connector Type	DIN (F)
Application	Indoor / Outdoor
Weight	2.7 Kg (Appx.)
Dimensions	160 x 158 x 55 mm