

DIPLEXER – DCS/UMTS-LTE
[Model No: VRDP-2023-05]

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

- Engineered for Low Insertion Loss and High Cross-band Rejection
- HE30 quality Aluminium with 10 Micron finishes machining
- Thick Silver Plating for lowest RF insertion Loss
- EMI Gasket and Rugged Construction for Outdoor use
- Tri-metal plated DIN Connectors for Low Inter-modulation product
- Wideband Port for DCS and UMTS (Port1) Port 2 for LTE

Specifications:

Frequency range	
Pass Band I	1710 – 2170 MHz
Pass Band II	2300 – 2400 MHz
Insertion Loss	
Pass Band I	0.35 dB (Max)
Pass Band II	0.35 dB (Max)
Cross Band Rejection	> 50 dB
Return Loss	> 18 dB
Impedance	50 Ω
Input Power	150 W (max)
Inter-modulation Products	< -160 dBc
Operating Temperature	-10° C – 50° C
Connector Type	DIN (F)
Application	Indoor / Outdoor
Weight	2.3 Kg (Appx.)
Dimensions	160 x 125 x 45 mm

Vedang Radio Technology Pvt Ltd

313-314, Orbit Industrial Estate, Off Link Road, Malad (West), Mumbai-400064, Maharashtra, India
Phone: (22)-28788001 Fax: (22)-28788002 E-mail: sales@vedangradio.com www.vedangradio.com