



DCS1800/WCDMA2100 Quadruplexers

► Applications

- DCS1800/WCDMA2100 In-building Wireless System

► Features

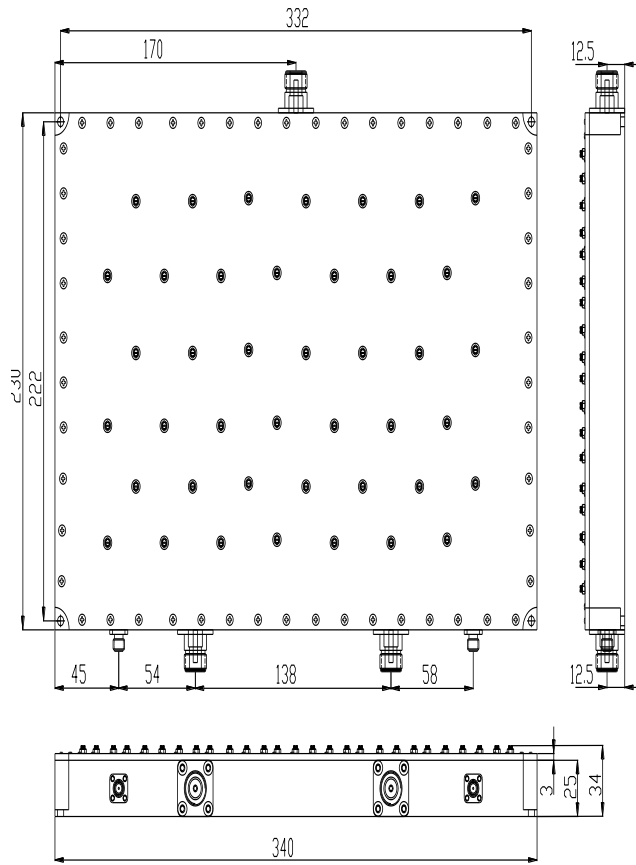
- High "Q", Low Insertion Loss
- Four Channels Design, Wider band High Rejection
- Coaxial Cavity Housing, High Reliability,
- High Power Handling
- ROHS compliant
- Custom design available



► Technical Specifications

P/N	MWD-DLX-1-018			
Frequency Range(MHz)	1710-1780(DCS-RX)	1805-1880(DCS-TX)	1920-1980(WCDMA-RX)	2110-2170(WCDMA-RX)
Insertion Loss(dB)	≤1.0dB	≤1.0dB	≤0.8dB	≤0.8dB
Ripple in-band(dB)	≤0.6dB	≤0.6dB	≤0.6dB	≤0.6dB
Rejection(dB)	≥50@DC-1.5 GHz ≥95@1805-1880MHz ≥50@2010-2025MHz ≥95@2110-2170MHz ≥50@2.2-6GHz ≥20@6-12.5GHz	≥50@DC-1.5 GHz ≥95@1710-1785MHz ≥95@1920-1980 MHz ≥50@2010-2025MHz ≥50@2.1-6GHz ≥20@6-12.5GHz	≥50@DC-1.5 GHz ≥95@1805-1880MHz ≥50@2010-2025MHz ≥95@2110-2170 MHz ≥50@2.1-6GHz ≥20@6-12.5GHz	≥50@DC-1.8 GHz ≥95@1920-1980MHz ≥95@1710-1785 MHz ≥50@2010-2025MHz ≥50@2.3-6GHz ≥20@6-12.5GHz
Connectors	SMA	N-F	SMA	N-F
VSWR	≤1.25			
Impedance(Ω)	50			
PIM3(dBc)	≤-140@+43dBm×2			
Power Handling(W)	200			
Temperature(°C)	-30~+75			

DIMENSIONS :




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