

Product Specification



CCDP-900-XDW

High / High Band Diplexer

- Covers 1850-1995 & 2100-2700 MHz
- Fully Weatherized
- Low Loss / High Isolation

Electrical Specifications

Passband Frequencies	Units	Note	
1900MHz Band	MHz	Max/Min	1850-1995
not 1900MHz Band	MHz	Max/Min	1695-1800 2100-2700
General Electrical Specifications			
Insertion Loss of all bands	dB	Typ/Max	0.3/0.5
Return Loss of relevant bands at all ports	dB	Min	20
Port-to-port Isolation	dB	Typ/Min	50/30
Input Power in each band	W	Av/pk	25/250
Intermod Products at all Ports with two +43dBm	dBc	Max	-156

Environmental Specifications

Environmental rating			ETSI EN 300 019 class 4.1, RoHS
Ingress protection			IP67
Temperature range	°C		-40 to +65
Temperature range	°F		-40 to +149
Lightning protection all ports			RF port: ±5kA max (8/20us), IEC 61000-4-5
Altitude			3,000m max 10,000ft max
Mean Time Between Failures (MTBF)	Hrs	Minimum	>10 ⁷

Mechanical Specifications

Connectors RF			4.3-10
Connectors Quantity			3
Dimensions excluding connectors L x W x H mm (in.)			105 x 89 x 40 (9.8 x 4.2 x 1.6)
Weight, KG, (lbs)			< 2.3kg (5lbs)