Directional Couplers – TETRA BAND

REN 3380100DC-X

Description



REN 3380100DC X series TETRA 100 Watts Directional Couplers are designed to decouple a defined part of the TETRA RF signal off the main through line.

This permits signal distribution of Wireless Systems with the required Signal strength.

A Coupler consists of a pair of strip lines approximately a Quarter wavelength long configured to provide the desired Coupling.

Features

- Low Insertion Loss
- Flat response
- High Power Handling
- Various coupling range from 5 dB to 20 dB
- N type Connector

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INIT REC'D
DATE
FOR ACTION

NETWORKS

Directional Coupler
REN 3380100DC-6

PRAMETERS	SPECIFICATIONS
Frequency	380~520 MHz
Coupling	6.0 dB
Insertion Loss	≤1.95 dB
Ripple in-band	≤±1.0 dB
Directivity	≥20 dB
Return Loss	≥20 dB
Impedance	50 Ω
PIM	≤-140@+43dBm×2 dBc
Connectors	N (F)
Power Rating	100 Watts
Temperature	-30^0C ~+65^0C
Approx. Dimensions	131×35×20 mm
Approx. Weight	0.31 Kg

