

Digital Microwave Radio

SRD_4.4GHZ_16E1_11

ODU (Outdoor Unit):

Dimensions: (H×W×D):148*242*274.5

Weight :17kg

Temperature range: -33 ~ + 55 C

Power consumption: < 75 Watt

Box Test point: AGC

Configuration 1+1

System Parameters:

Frequency range: 4.4 to 5GHz (ITU-R F.636-3)

Frequency step : 1 MHz

Modulation type : modified CPM

Aperture polarization : Vertical & Horizontal

System gain for BER 10E - 3 based on capacity 99 ~ 108 dB

Traffic capacity: 2E1 ~ 16E1 G.703

Software controlled output power range: MTPC & ATPC (30 dB , 1dB step)

Transmitter Parameters:

TX output power : 30 dBm

Frequency stability : ± 5 p.p.m

Transmitter spectrum : class 1 ETSI EN 301 128 V1.2.

Maximum cable length: 200 m (50 ohm)

Receiver Parameters:

Frequency stability: ±5 ppm

Sensitivity (BER=10E-6) typical Sensitivity : -79dBm , guaranty : -77dBm

Channel spacing : 28 MHz

1+1 Hot Standby Features:

ASymmetric Switch: 2dB/3dB Insertion Loss

TX Switch Time Delay <20 msec

RX Switch Time Delay <10 msec



