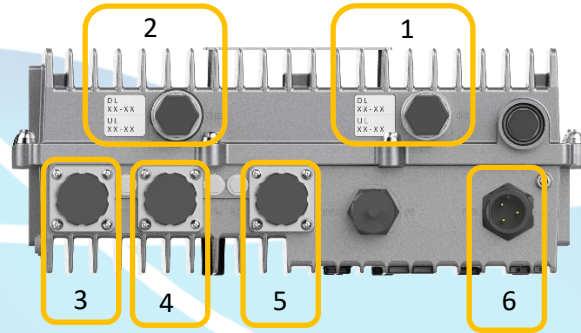
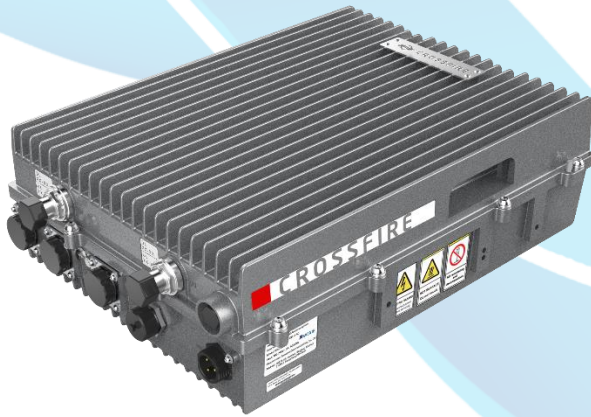




DRRU-R2111D11MV

B1 LTE Remote Radio Head



CrossFire's HPRU DRRU-R2111D11MV is a 2x20W LTE Remote Radio Head operating in 3GPP Band 1 with dual RF transmitters, dual RF receivers and dual duplexer.

- 1 Duplex DL/UL RF Port 1
- 2 Duplex DL/UL RF Port 2
- 3 OP Port for DU Connection
- 4 OP Port for Cascade
- 5 RJ-45 for Local Access
- 6 Power Supply Interface

Technical Specification

Technology	LTE
TRx Configuration	2T2R
Composite Output Power per TX	43dBm, +1/-2dB typical; +1.5/-3dB over temp
Operating Frequency	DL: 2110 – 2170MHz UL: 1920 – 1980MHz
Operation Bandwidth	60MHz
Instantaneous Bandwidth	60MHz
Antenna Carriers	4
Component Carriers	3 for 20MHz 4 for 5/10/15MHz
Carrier Bandwidth	5/10/15/20MHz
Interface to Antenna	4.3-10 Female
Interface to DU	CPRI, 5Gbps
Output Power Range	20dB
ACLR	ETSI TS 136.104
Operating Band Unwanted Emissions	ETSI TS 136.104
TX Spurious Emissions	ETSI TS 136.104
EVM	<6.5% @ 64QAM
RX Noise Figure	4dB, Typ. 5dB, max over temp
VSWR	1.5
Maintenance Interface	Ethernet RJ45
Power Supply	48VDC, ±20%
Maximum Power Consumption	250W
Electromagnetic Compliance	ETSI EN 301489-1, EN 55032 EN 61000-4 series
Operating Temperature	-40°C to +50°C / -40°F to +122°F
Environmental	EN 300019-1-1, EN 300019-1-2, EN 300019-1-4, IEC 60529 IP65
Safety	EN 60950-1, EN 60950-22, EN 50385
Installation	Wall Mount and Pole Mount
Equipment Dimensions (with connector) (Width / Height / Depth / Weight)	400mm / 125mm / 300mm / 16.0kg 15.75in / 4.92in / 11.81in / 35.27lb
Packaging Dimensions (Width / Height / Depth / Weight)	550mm / 300mm / 430mm / 18.5kg 21.65in / 11.81in / 16.93in / 40.79lb

Accessories

Mounting Brackets and handle for Wall & Pole Mount	included
2.0 metre Grounding Lead, fitted with terminals	Included
Various Screws, nuts and bolts used for mounting of unit	Included
SFP+ Modules, one pair	Included
DC Power Lead	Included

Ordering Information

Assembly Code	Description
DRRU-R2111D11MV	CrossFire HPRU, assembled with B1 B1, 10km Duplex (single fiber) SFP+, DC Powered
FTLX2072D333	10Gb/s 10km Single Mode Bidirectional SFP+ Transceiver, Duplex, Single LC Connector, Wavelength 1331nm
FTLX2072D327	10Gb/s 10km Single Mode Bidirectional SFP+ Transceiver, Duplex, Single LC Connector, Wavelength 1271nm
FTLX2672D333	10Gb/s 30km Single Mode Bidirectional SFP+ Transceiver, Duplex, Single LC Connector, Wavelength 1331nm
FTLX2672D327	10Gb/s 30km Single Mode Bidirectional SFP+ Transceiver, Duplex, Single LC Connector, Wavelength 1271nm
LF40-OD1-1C-LCLC	4.0m SMOF 1-Core, LC/PC to LC/PC (IP67 Protective Cover on 1 end)
LF40-OD1-1C-LCASC	4.0m SMOF 1-Core, LC/PC to SC/APC (IP67 Protective Cover on 1 end)
LF20-OD2-1C-LCLC	2.0m SMOF 1-Core, LC/PC to LC/PC (IP67 Protective Cover on both end)
LF40-OD2-1C-LCLC	4.0m SMOF 1-Core, LC/PC to LC/PC (IP67 Protective Cover on both end)

Contact us today:

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