

# RRUS 4415 B25 DATA SHEET

For Turf Vendors

2017-11-02 Rev B

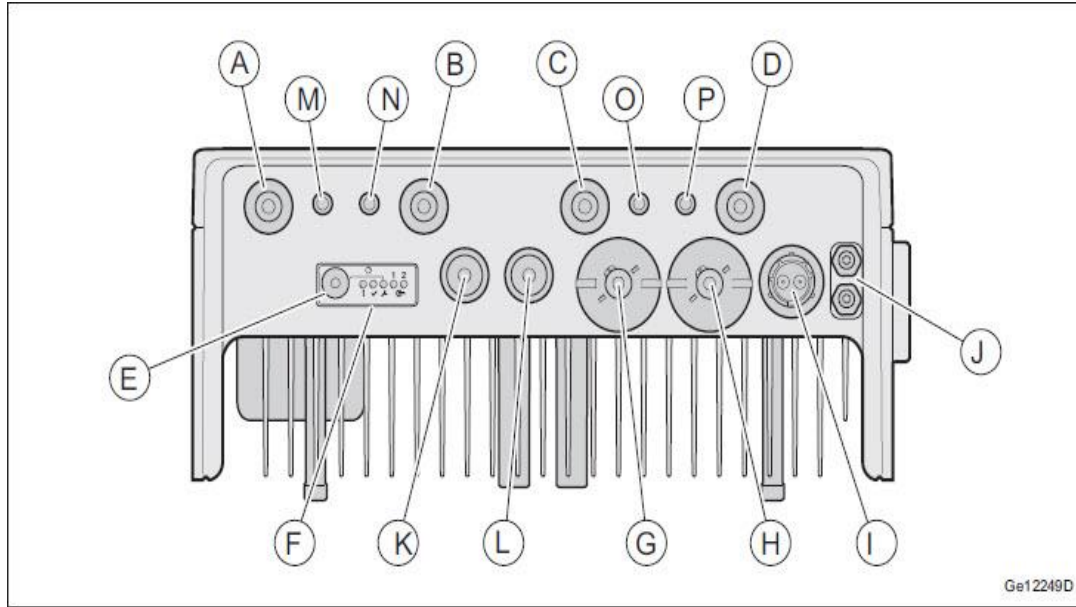
# RRUS 4415 B25



- › B25
  - TX = 1930 – 1995 MHz
  - RX = 1850 – 1915 MHz
- › CPRI 2 ports x 2.5/4.9/9.8/10.1 Gbps. **Install 2 SFPs and connect 2 fiber pair to the RRUS 4415 during initial install.**
- › Only use Ericsson supplied and approved SFPs **RDH10265/25**
  - Exception: SFP7 RDH 10265/3 for CPRI 1.4km to 10km
  - Exception: SFP7 (pair): RDH 102 70/1 and RDH 102 70/2 for CPRI > 10km
- › 2 external alarm inputs
- › Max wind load @ **50m/sec = 260N**
- › Breaker size = **25A**, DC Power Consumption = **670 W (for dimensioning)**
- › **200mm** horizontal separation required for side by side mounting
- › **200mm** separation required from antenna backplane to radio
- › **400mm** vertical outdoor/indoor separation required between 2 radios
- › **500mm** vertical separation below antenna
- › Min, Max DC cable size from squid to radio = **10,8 AWG**
  - Adapter is required for 2-wire connection
  - Shielded DC cable is required
- › Ground cable size = **2AWG**
- › Dimensions (incl. handles, feet and sunshield, w/o fan unit)
  - Height: **16.5” (420 mm)**
  - Width: **13.4” (342 mm)**
  - Depth: **5.9” (149 mm)**
- › Weight, excl. mounting hardware = **46 lbs (21 kg)**



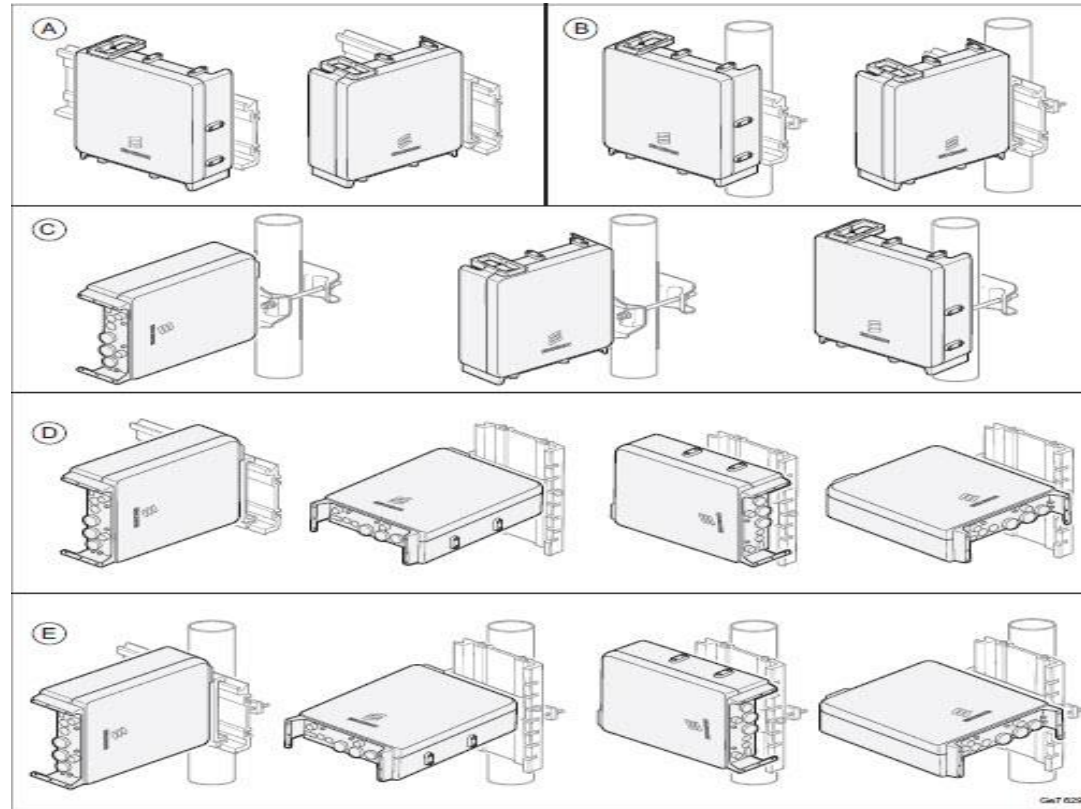
# RRUS 4415 B25 CONNECTION INTERFACES



Position	Description	Marking	Connector Types	Cable Types
A	Antenna A	A ↗	4.3-10 connector	
B	Antenna B	B ↗		
C	Antenna C	C ↗		
D	Antenna D	D ↗		
E	Maintenance button	—	—	—
F	Optical indicators	! ⊕ 1, ⊕ 2	—	—
G	Optical cable 1	⊕ 1	LC (On SFP) with support for FullAXS	
H	Optical cable 2	⊕ 2		
Position	Description	Marking	Connector Types	Cable Types
I	-48 V DC power supply	POWER	Power connector	
J	Grounding	⚡	2 x M6 bolt	
K	External alarm and fan unit power supply and control	SE ↗	Mini-DIN connector, 14 pin	
L	ALD (used for a RET unit for example)	ALD	Mini-DIN connector, 8 pin	
M <sup>(1)</sup>	TX monitor A	A ↗	SMA connector	
N <sup>(1)</sup>	TX monitor B	B ↗		
O <sup>(1)</sup>	TX monitor C	C ↗		
P <sup>(1)</sup>	TX monitor D	D ↗		

CPRI, RET/AISG port, and ALD port caps have lanyards attached to the radio. DC and RF ports have protective caps to be removed when DC, RF connected to radio.

# RRUS 4415 MOUNTING OPTIONS





**ERICSSON**