ROC-19, ROC-19/24V, ROC-19L

Outdoor Cabinets

- Outdoor cabinets for one 19"-wide RAD unit, with integrated fiber splicer and guides
- IP56-66/NEMA-4-rated metal enclosure
- Grounding and over-current protection
- 2- or 3-point door locking
- Intake fan with replaceable filters, or passive cooling
- Wall or pole mounting

ROC-19, ROC-19/24V, ROC-19L are fully contained outdoor cabinets intended for housing a single 19"-wide RAD unit, powered from a 24-VDC or 48-VDC source (ordering option). Constructed for outdoor use, the enclosures are ideal for residential neighborhood/apartment block telecommunication needs.

The ruggedized IP56 (ROC-19, ROC-19/24V) and IP66 (ROC-19L) NEMA-4-rated construction with rain hood, offers full shielding and elemental protection. Efficient ventilation is assured by intake fan with replaceable air filters (ROC-19, ROC-19/24V) or passive convection (ROC-19L).

2-point (ROC-19L) or 3-point door locking (ROC-19, ROC-19/24V), integrated fiber cable splicer/guide system, intrusion detection and over-current protection ensure secure maintenance access.

Specifications

CAPACITY

Up to 6 optical communication lines

SENSORS

Open Door
Intrusion alarm switch

Temperature
Thermostat (ROC-19, ROC-19/24V), fan activation at 40°C (104°F) ±5°C (±13°F)

DOOR LOCK

2-point (ROC-19L)

3-point (ROC-19, ROC-19/24V)

VENTILATION

Intake fan with replaceable air filters and exhaust vent (ROC-19, ROC-19/24V)

Passive convection (ROC-19L)

GENERAL

Housing
1.4-mm powder-coated steel

Physical
ROC-19, ROC-19/24V:
Height: 636 mm (25 in)
Width: 657.3 mm (25.8 in)
Depth: 232 mm (9.1 in) with closed door
Weight: up to 32 kg (70.5 lb)

ROC-19L:
Height: 636 mm (25 in)
Width: 620 mm (24.4 in)
Depth: 232 mm (9.1 in) with closed door
Weight: up to 30 kg (66.1 lb)

Installed RAD unit:
Height: 44 mm (1.76 in)
Width: 440 mm (17.6 in)
Depth: 240 mm (9.6 in)
Weight: up to 5 kg (11.05 lb)

Power
External feed for RAD unit:

 24 VDC nominal (20 to 27.6 VDC), all models

 48 VDC nominal (40.8 to 57.6 VDC), available for ROC-19L and ROC-19

Protection:

 Standard 3A GMT fuses (ROC-19, ROC-19/24V)

 2 circuit breakers (ROC-19L)

Note: *Fuse ratings must be defined according to the requirements of the unit, installed in the outdoor cabinet.*

Environment
Ambient temperature (according to Telcordia GR-487-CORE):

 -40 to 46°C (-40 to 114.8°F) under full solar load, or -40 to 65°C (-40 to 149°F) without solar load

Internal heat dissipation:

 ROC-19, ROC-19/24V: 65W (max)

 ROC-19L: 35W (max)

Humidity: 5% to 100%, condensing

RAD

ROC-19, ROC-19/24V, ROC-19L
Outdoor Cabinets

Ordering

RECOMMENDED CONFIGURATIONS

ROC-19
Outdoor cabinet with 3-point door locking and intake fan, 24 or 48 VDC input

ROC-19/24V
Outdoor cabinet with 3-point door locking and intake fan, 24 VDC input

ROC-19L
Outdoor cabinet with 2-point door locking and passive ventilation, 24 or 48 VDC input

SPECIAL CONFIGURATIONS
Additional design specifications are available, contact your local RAD partner for details.

SUPPLIED ACCESSORIES
Wall mounting kit

OPTIONAL ACCESSORIES
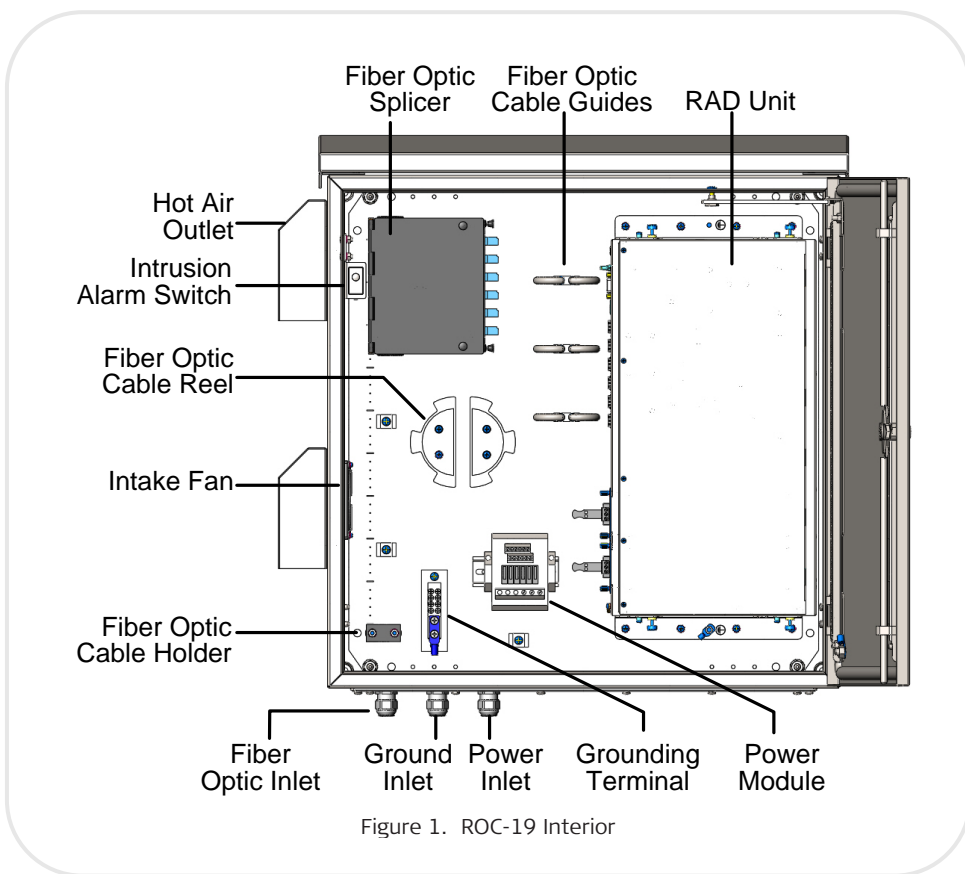
ROC-19/PMK
Pole mounting kit for ROC-19, ROC-19/24V, ROC-19L

Figure 1. ROC-19 Interior

Labels: Fiber Optic Splicer, Fiber Optic Cable Guides, RAD Unit, Hot Air Outlet, Intrusion Alarm Switch, Fiber Optic Cable Reel, Intake Fan, Fiber Optic Cable Holder, Fiber Optic Inlet, Ground Inlet, Power Inlet, Grounding Terminal, Power Module

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