



## RackOm- 6U Wall Mount Pole mount IP55 Outdoor Cabinet IP-5(Dust-Solid Particles) | 5(Liquid-Water Oil)

IP55 enclosure provides protection from level of harmful dust and provide protection from low pressure water jet and complete protection from rain water

**Usability- Network Switches, Telecom, Wi-Fi, Surveillance, Network & Surveillance, Fiber Management , Solar Projects**

**Special Usability: - Smart City Projects | Safe City Surveillance Projects | City Wi-Fi Projects | Solar | Fiber Projects**

Construction- Welded **Galvanized Plain Steel Construction 1.2 mm Thick** Load Bearing angles are 1.5 mm

Front Door- lockable steel door with gasket sealing, 2 Fan option for hot air execution Extra hood on Door

2 Pair heavy duty (1.5mm) vertical mounting rail for equipment mounting, Height as per Rack Unit

Load Bearing Capacity up to 35 -40 KG (Customized Cabinet with load bearing capacity of 100kg is Optional)

Color- light Grey Powder Coated (RAL-7035) & Siemens Grey RAL7032

Pole Mount Kit- 2.5mm – 3.0mm Thick Pole Mount Bracket with 12mm thick x 200mm long Bolt

Structure **Galvanized Steel** (CRCA & Stainless Options are available On Requirement)

Integrated Canopy on top, 50mm extra coverage from front door side

Dual Locking arrangement Cam Lock + Pad lock on door

### Other Features of RackOm IP55 Outdoor Cabinet:

- Protection Rating IP55 Compliance Structure Protection from low pressure jet, rain Water or Natural way
- Protection Rating IP55 Compliance Structure Protection from level of harmful dust
- Fan Cooled Cabinet through Dual Fan Option (**Peltier cooling is optional**)
- Aluminum wire mesh filter which prevent level of harmful dust entering into cabinet
- Two Year Warranty for Cabinets Which Include Cabinet & its Accessories (FAN & Power Distribution Units)
- Powder Coated with Color Options **RAL7035 Light Smoke Grey** or **RAL7032 Siemens Grey, Black**
- Available in Multiple Depth like 200mm | 300mm | **400mm** | 500mm | 600mm (400mm is standard )
- **Single Skinned Wall Cabinet (Double Skinned Insulated wall is optional)**
- Fan hood On Front Door with Louvers to eliminate cabinet hot air
- Fully adjustable 19" mounting Channels, mounting rails can be adjusted as per requirement
- Pole Mount, Tower Mount & Wall mount through single arrangement Pole
- Cable Entry through IP Rating PG Cable entry Glands - Options PG 7,PG 9,PG 11, PG 16, PG 19, PG 25, PG 29, PG 36
- Power Distribution Unit- 6 Socket 5A Indian round pin amp ( 15A Socket, Universal Socket, IEC Socket With MCB is Optional)
- Cable Management- Horizontal PVC (Optional)
- Fix Shelf/Cantilever Shelf- 255mm to 375mm (optional)
- Silicon sealant protection on all joint area
- **RackOm Cabinets are certified for IP55 rating by Electronic Regional Test Laboratory - ERTL Under STQC Directorate Department of Information Technology , Ministry of Communications & Information Technology Govt. of India**

## Single Skin Cabinet

Product Part No.	Height in U	Overall Height	Usable Height	Overall Width	Usable Width	Overall Depth	Usable Depth
RSOD006-001	6U	365mm (14.00 Inch)	267 mm (10.51 Inch)	575mm	482.6mm (19 Inch)	300mm	260mm (10.00 in)
RSOD006-002	6U	365mm (14.00 Inch)	267 mm (10.51 Inch)	575mm	482.6mm (19 Inch)	400mm	360mm (14.00 in)
<b>RSOD006-003</b>	<b>6U</b>	<b>365mm (14.00 Inch)</b>	<b>267 mm (10.51 Inch)</b>	<b>575mm</b>	<b>482.6mm (19 Inch)</b>	<b>500mm</b>	<b>460mm (18.00 in)</b>
RSOD006-004	6U	365mm (14.00 Inch)	267 mm (10.51 Inch)	575mm	482.6mm (19 Inch)	600mm	560mm (22.00 in)



# IP 55 Certifications



सत्यमेव जयते



फार्म सं. : टी आर एफ-२००८  
Form No. : TRF-2008  
प्रमाणपत्र सं.  
ई.क्ष.प.प्र. (उ.) ६०(४)-२०००  
ERTL(N)/90(4)-2K E0053  
दिनांक : / /  
Date : 18/05/2016

## परीक्षण रिपोर्ट TEST REPORT



भारत सरकार

Government of India

संचार व सूचना प्रौद्योगिकी मंत्रालय

Ministry of Communications & Information Technology

सूचना प्रौद्योगिकी विभाग

Department of Information Technology

मानकीकरण परीक्षण एवं गुणवत्ता प्रमाणन निदेशालय

Standardisation Testing and Quality Certification Directorate

इलेक्ट्रानिकी क्षेत्रीय परीक्षण प्रयोगशाला (उत्तर)

ELECTRONICS REGIONAL TEST LABORATORY (NORTH)

एन एस आई प्रयोगशाला आई ई सी क्यू के तहत, आई ई सी ई ई - सी वी तथा एन ए बी एल द्वारा प्रत्यापित प्रयोगशाला)

[NSI Laboratory under IECQ, IECEE-CB & NABI Accredited Laboratory]

एस-ब्लाक, ओखला औद्योगिक क्षेत्र फेज-II, नई दिल्ली ११००२०

भारत

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ELECTRONICS REGIONAL TEST LABORATORY (NORTH)  
नई दिल्ली-110020 / New Delhi-110020

S.P. Issue No.: 03, Dec. 2013



Test Report		DATE OF RECEIPT OF ITEM	DATE OF COMPLETION OF TESTING	PAGE NO.
NUMBER		DATE		
ERTL(N)/90(4)-(2016-17)/E0053		18/05/2016	12/05/2016	17/05/2016
1. Service Request Form	Number	16T0051		
	Date	12/05/2016.		
2. Customer	Name	M/s. RACKOM SYSTEM.		
	Address	F-11 GF VISHWAKARMA COLONY , LAL KUAN, M.B. ROAD DELHI-110044.		
3. Manufacturer (as declared by customer)	Name	M/s. RACKOM SYSTEM.		
	Address	F-11 GF VISHWAKARMA COLONY , LAL KUAN, M.B. ROAD DELHI-110044.		
4. Description of Item	Nomenclature	RACKOM 9U IP55 OUTDOOR CABINET WITH INBUILT 2 FAN 4".		
	Make / Trade Mark	RACKOM		
	Model No./ Type No.	RSOD009-001.		
	Number of sample/ Serial No.	ONE. RSOD2016-001.		
	Year of Manufacture	2016.		
	Condition	GOOD		
5. Name & address where testing carried out (In-house/Subcontracting/Single window service/ On-site/Using Customer Facilities)	ERTL(N), S-BLOCK, OKHLA INDUSTRIAL AREA-PHASE II, NEW DELHI-110020.			
6. Applicable standard/ specification	CUSTOMER'S.			
7. Test Method/Operating Procedure	AS PER IP55 OF IEC 60529.			
8. Environmental Conditions	Temperature	15°C TO 35°C		
	Relative Humidity	45% TO 75%		
9. No of Annexures (If any)	NIL.			

Tested by

Approved By

Issued by

(ASHISH CHAUDHARY)  
SCIENTIST 'B'

(JITENDER SAIGAL)  
SCIENTIST 'E'

(BALDEV DUTT)  
SCIENTIST 'B'





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Certificate Nos.:  
T-0001, T-1572, C-0001,  
C-0177, C-0178, C-0588

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10. Details of Test Equipment used:

Sl. No.	Nomenclature	Make	Model/ Type No.	Calibration Valid upto
1.	Ingress Protection Dust Chamber for IP5X	ERTL(N)	4001	N.A.
2.	Ingress Protection Water Test Setup for IPX5	ERTL(N)	---	30/10/2016


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11. Test Results:

Sl. No.	Clause No.	Parameter & Test conditions	Test Requirements	Measured Values/ Observations	Remarks
1.	---	<b>Dust Test:</b> As per IP5X. Duration: 8hrs.	Conditioning.  Visual examination for ingress of dust.	Conditioned.  No Ingress of dust observed.	Refer remark 12(b)
2.	---	<b>Water Test:</b> As per IPX5. Duration: 03minutes.	Conditioning.  Visual examination for ingress of water.	Conditioned.  No Ingress of water observed.	---

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