

20U Outdoor Enclosure, Galvanized Steel, Fan Cooling, IP55



Description

This compact 20U enclosure provides a rugged, weather-resistant housing solution for outdoor telecom and networking equipment. Its thermally efficient design helps maintain a stable internal environment, protecting sensitive electronics from extreme temperatures and condensation.

The cabinet features a dual-wall insulated construction—a heavy-duty galvanized steel outer shell combined with a thick thermal insulation layer — delivering exceptional mechanical protection and passive thermal control. Active airflow is managed by top-mounted fans that work with the natural chimney effect to efficiently expel heat.

Rated IP55, the enclosure ensures reliable performance in harsh outdoor conditions, making it ideal for space-constrained sites including curbside, rooftop, and small-cell deployments.

Built to withstand demanding outdoor settings, the enclosure offers IP55-rated ingress protection against dust and water jets. Access is secured by a robust three-point locking system, while the integrated earthing bar ensures safe and straightforward site grounding. Supplied with a mounting plinth, this cabinet is an ideal choice for curbside, rooftop, or other space-constrained telecom sites.

General Specification

Material	Two Layers, 1.5 mm Thickness Galvanized Steel as Outer Layer and 20mm LHPE as Inner Layer
Finish	Pantone 428C Powder Coating
Color	RAL7035 Light Grey
External Dimension	H1150xW650xD760 mm, including Plinth H150 mm
Protection Level	IP55
Installation	Pole Mount
Access	Front Door
Rack Mount	19"
Locking Mechanism	3 Point Locking
Cable Access	At the Bottom with 8pcs of PG21 Cable Glands
Included Accessories	Grounding Bar

Cooling System

Top Mounted Fan, 2pcs, 48VDC, 240CFM

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Environmental Parameter

Operating Temperature	-40°C to +55°C
Storage Temperature	-40°C to +70°C
Humidity	5% to 95%

Ordering Information

Part No.	Description
7303110000	20U Outdoor Enclosure, Galvanized Steel, Fan Cooling, IP55

Note: we accept customization for outdoor enclosures, kindly send emails to support@nbspringsystem.com for more details.