



OVERVIEW

Fiber NID with Built-in Reel is designed for outdoor FTTH drop cable installation where fast deployment, clean cable storage, and protected fiber connection are required.

The drop cable is pre-wound on the internal reel and factory-terminated with SC/APC connectors on both ends. This helps reduce field splicing, shorten installation time, and keep the drop cable neatly organized inside the enclosure. Standard cable length options are available up to 150 ft.

The enclosure features IP55 protection and foam strip sealing, providing basic outdoor protection against dust and water spray. Its compact structure makes it suitable for residential fiber access, wall-mounted subscriber connection points, and last-mile FTTH network deployment.

As a passive fiber optic access enclosure, this Fiber NID provides cable storage, fiber routing, connector protection, and a clean demarcation point for FTTH installations.

FEATURES

Built-in Reel Design

- Stores and manages excess drop cable neatly inside the Fiber NID.

Factory-Terminated SC/APC Connectors

- Both ends are factory-terminated with SC/APC connectors to reduce field splicing.

Armored or Non-Armored Drop Cable Options

- Available with armored or non-armored drop cable to meet different installation requirements.

IP55 Outdoor Protection

- Provides protection for outdoor FTTH access and subscriber connection points.

Available up to 150 ft

- Suitable for standard residential FTTH drop cable installation lengths.

APPLICATION

- FTTH last-mile fiber deployment
- Outdoor-to-indoor transition point at residential or MDU buildings
- Service provider drops from MST to ONU/ONT locations
- Projects requiring fast, clean, and low-labor fiber installation
- Eco-friendly deployments with high efficiency and reduced waste

STANDARDS

- GR-326-Core
- GR-771-Core

TECHNICAL SPECIFICATION

Parameter	Specifications
Dimensions (HxWxD) (mm)	275 x 252 x 75 mm (10.83 x9.92 x 2.95 in)
Materials	PC+ABS
Sealing Type	Mechanical Seal
Supported Cable Type	Flat OD: 2mm to 8.1 x4.5mm Round OD: 3mm to16.2mm
Color	Light Gray
Ports	2 (1-in,1-out Max. 12mm)
Application	Wall Mounting
Ingress Protection	IP 55
Connector	SCAPC
Fiber Type	G657A2
Insertion Loss	<0.3dB
Return Loss	>60dB
Cable Diameter	3.0mm
Cable Jacket	LSZH Black
Operation Temperature	-40~+70℃

PACKAGING INFORMATION

PN	Inner Box (CM)	Outer Carton (CM)	Quantity/Carton (PC)	G.W./Carton(KG)
NID-01SA-PR-xxxFT	29*27*9	58*49*31	10	18