




# AERIAL SUBSCRIBER NODE (ASN24)



## Product Highlights

-  **Distri-Protect®:** Dedicated protection for distribution fibers
-  **E@sy'Secure®:** Guaranteed to keep distribution and subscriber cables in place over time, quick to install
-  **IP55 with no additional action**



## Description

- The Aerial Subscriber Node allows connection between subscriber cables and the distribution cable on an FTTx network. The ASN is designed for post or wall mounting.
- Using adapters & pigtails in the distribution box provides a faster and more secure connection. Field tests show that the pre-terminated connection of a subscriber divides by 3 the risk of damaging an adjacent connection, in relation to a spliced connection.



- Distri-Protect®: distribution cable fibres assigned to subscribers are spliced to pigtails when installing the box. The distribution cable to pigtails connection zone is closed by an inner cover to protect the wiring.



- The Omelcom aerial distribution box is also equipped with the E@sy'Secure® anchoring system, a simple way to hold the cables securely in place, in accordance with standard EN 61300-2-4, with an installation time of only 45 seconds per cable

*For the purposes of improving both customer service and product performance, OMELCOM reserves the right to change the present specifications without prior notice.*

### Contact & Information

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## Technical + Advantages

**Distri-Protect® protects distribution cables during the connection phase, and allows bypass and spliced connections to be housed in the same box**

- + Reduces the total amount of boxes needed by 10%
- + Saves the corresponding installation cost
- + Reduces maintenance cost as it limits the risk of fibre breakage during connection

**E@sy'Secure® guarantees secure attachment of the distribution cables**

- + Divides anchoring installation time by 10 and multiplies anchoring performance by 4
- + Less medium/long term maintenance



1x120F tray and 1 x 900µm module storage tray

Up to 3 splitters 1:8 or 1 splitter 1:16

Up to 12 LC/APC DX (24 subscribers) on a rotary patch panel to facilitate connector access

dimpled rubber seal

4 drops per box, up to 24 drop cables 3mm, attached by cable ties or using the patented E@sy'Secure® system

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## General Features



**Dimensions according to PIA rules**  
313 x 192 x 67 mm (Vol. 2.2 litres)



**Feeder cable up to  $\varnothing$  13 mm**  
*Cables  $6 \leq \varnothing \leq 13$  mm*



**Up to 24 subscriber cables**  
*Cables  $3 \leq \varnothing \leq 5$  mm*



**Stowage capacity pass-through**  
900  $\mu$ m micro modules



**Spliced OF up to 12 fibres**



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## Description

SPECIFICATIONS	PERFORMANCE	REFERENCE STANDARD
<b>Volume and dimensions</b>	2.2 litres - 313 x 192 x 67 mm	-
<b>Distribution cables passing through</b>	1 cable passing through Ø min = 6 mm Ø max = 13 mm	-
<b>Subscriber cables</b>	Up to 24 preconnectorised subscriber cables 24 cables Ø min = 3 mm 10 cables Ø max = 5 mm	-
<b>IP – IK</b>	IP55 IK07	EN 60529 EN 61300-2-12
<b>Box closing</b>	Triangle key locking + 2 closing clips	-
<b>Material</b>	Glass reinforced PP UV resistant Black or Grey	- ISO 4892-2 ISO 11664-4
<b>Mounting</b>	Screw mounting on wall (3 screws) Screw mounting on omega bracket Strapping directly onto post	-
<b>Fibre type</b>	Single mode G657A2, G657A1, G652D	IEC 60793-2-50
<b>Splice protectors</b>	Heat-shrink splice protectors ø2.3 to 2.6 mm, 40 to 60 mm long	-
<b>Adapter optical performance</b>	IL ≤ 0.15 dB	IEC 61300-3-4 method B
<b>Pigtail optical performance</b>	Grade B1	IEC 61300-3-34 IEC 61300-3-6

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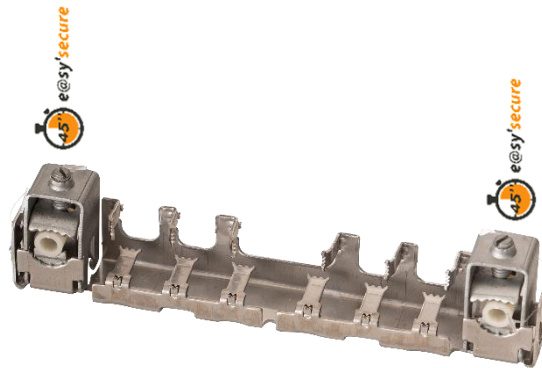
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## Packaging

### Option 1 – Feeder cables - Easy'secure anchoring, subscriber cables: anchoring cable ties



PART NUMBER	PART NAME	UNITS PER BOX	UNITS PER PALLET
CO060	ASN 24 LC/APC CABLE TIE	10 pcs	180 pcs
CO061	ASN 24 LC/APC 1 SPLITTER 1:8 CABLE TIE	10 pcs	180 pcs
CO062	ASN 24 LC/APC 2 SPLITTERS 1:8 CABLE TIE	10 pcs	180 pcs
CO063	ASN 24 LC/APC 3 SPLITTERS 1:8 CABLE TIE	10 pcs	180 pcs

### Option 2 – Feeder and subscriber cables Easy'secure anchoring



PART NUMBER	PART NAME	UNITS PER BOX	UNITS PER PALLET
CO070	ASN 24 LC/APC EASY'SECURE	10 pcs	180 pcs
CO071	ASN 24 LC/APC 1 SPLITTER 1:8 EASY'SECURE	10 pcs	180 pcs
CO072	ASN 24 LC/APC 2 SPLITTERS 1:8 EASY'SECURE	10 pcs	180 pcs
CO073	ASN 24 LC/APC 3 SPLITTERS 1:8 EASY'SECURE	10 pcs	180 pcs

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