

UNB1625 - Outdoor drop cable – Aerial - Duct - Facade

Strippable cable for accessing subscriber cable

1 to 4 Fibers - Outdoor – Dielectric - PEHD



APPLICATIONS

ACOME UNB drop cables have been designed to meet the needs of FTTH access network terminations.

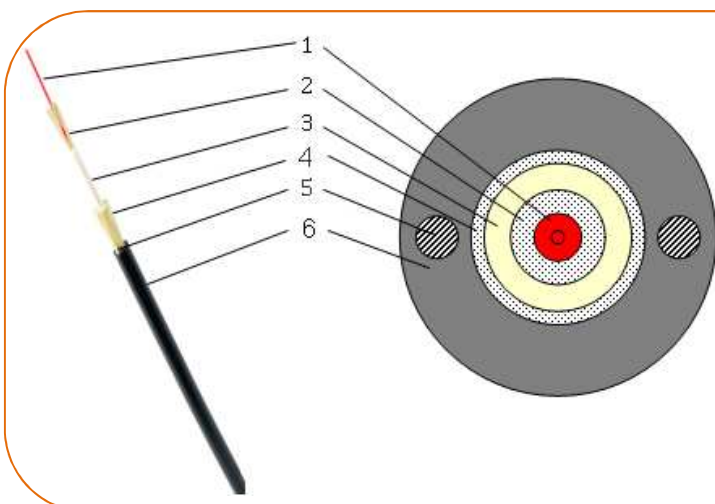
The idea behind this product range UNB 1625 (1, 2 and 4 fibers) is to insure the aerial, duct or façade link between the outdoor tapping box or flexibility point and the subscriber optical outlet without any splice.

To achieve this goal an original double jacket approach was adopted. An HDPE outer sheath protects the cable outdoor, but can be easily removed inside the premise and the LSOH subscriber cable can be laid to the subscriber's optical outlet.

		Range 1194 1, 2 and 4 Fibers
Nominal outside diameter (mm)		6.1
Tensile strength (N)		800
Maximum crush resistance (N/cm)		200
Minimum bending radius (mm)		60
Minimum thickness of the sheath (mm)		0.8
Diameter of the subscriber cable		2.65
Nominal weight (kg/km)		30
Type of installation		Glued
Temperatures	Transport and storage	-40 / +70 °C
	Installation	-5 / +50 °C
	Operation	-40 / +70 °C
Standard packaging		Reel of 4000 M
Marking black : Year and week of manufacture – ACOME – number and type of fiber – product ref. + metrics		

In order to improve performances, ACOME reserves the possibility to modify present characteristics without previous notice.

DESCRIPTION



Key:

- ① **Optical fiber:** 1, 2 or 4 single-mode Fibers. Tear micromodule. Easy access to the fiber 1m/min.
- ② **Strength members:** aramid.
- ③ **Subscriber cable:** Zero Halogen, Fire Retardant (LSOH), D_{CA}-s2,d2,a2, UV Stabilized
- ④ **Waterproofing:** swelling aramid strength
- ⑤ **Strength members:** FRP
- ⑥ **Outer sheath:** Black Polyethylene high density

FIBER COLOR CODES

Fiber color codes and micromodule (colors 1 to 4)			
1	2	3	4
Red	Blue	Green	Yellow

PRODUCT REFERENCES

Capacity	Single-mode G657 ACSM7A2 (*)
1 Fiber	H0073A
2 Fibers	N9850A
4 Fibers	N9730B

STORAGE, PACKAGING AND INSTALLATION

- The cables are delivered in a protective packaging that must be kept on until the end of the installation.
- The guidelines for storage, transportation and cable installation are defined in our ACOPTIC guide <http://www.acome.fr/en/The-Group/Library/Cable-Storage-Transport-and-Installation-Rules>

Parameters for aerial installation (15°C)			
Range 1194	Span = 40m	Sag = 0.4m	Tensile = 145 N
	Span = 50m	Sag = 0.5m	Tensile = 180 N

Maximum conditions (Compliant to NF C 11-201A1) : Temperature -5°C, ice thickness of 5mm and wind pressure 360 Pa (approximately 80km/h)			
Range 1194	Span = 40m	Sag = 1.2m	Tensile = 630 N
	Span = 50m	Sag = 1.6m	Tensile = 730 N

REFERENCE STANDARDS: Cables and fibers : IEC/EN 60793 and IEC/EN 60794-1.