

## NMC3210 STANDARD ZH ACOLAN OPTICAL



- Nanomodule structure, indoor/outdoor, watertight
- 4 to 48 FO (G657A1, OM3, OM4, OM5)
- Dielectric
- LSOH, Glass Yarn Reinforced
- B2ca-s1a,d1,a1

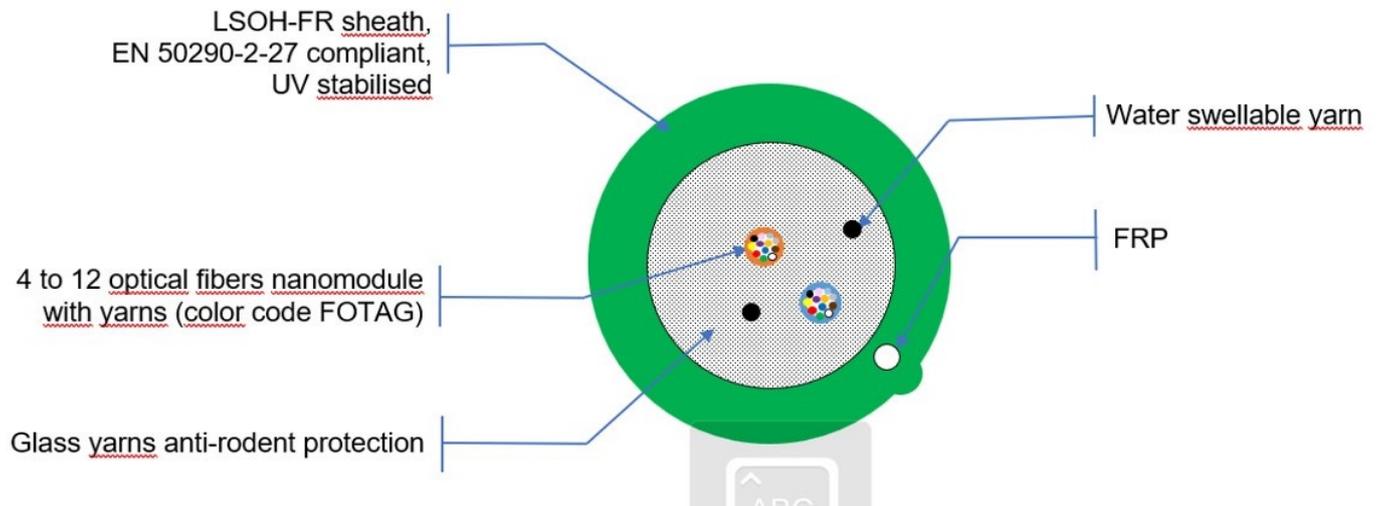
### BENEFITS

- Quickly access to fibers saved time during installation and connection
- Improved fire performance : B2ca-s1a,d1,a1
- Less carbon footprint
- ACOME Protection Index against rodents IPA:  
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### APPLICATIONS

- High speed data transmission cables designed for local networks (LAN).
- Available for any type of environments : Office Buildings, Industrial, buildings open to the public and high-rise buildings.

### GENERAL CHARACTERISTICS



### GENERAL

| Characteristics             | Value 4 to 48 |
|-----------------------------|---------------|
| Maximum pulling force (N)   | 2000          |
| Crush resistance (N/10cm)   | 1000          |
| Minimum bending radius (mm) | 10 x D        |

| Caractéristiques              | Value 4 to 24 fibers  | Value 48 fibers |
|-------------------------------|-----------------------|-----------------|
| Standard packaging (m)        | 2100                  |                 |
| Nominal sheath thickness (mm) | 1,2                   | 1,5             |
| Nominal diameter (mm)         | 6,8                   | 8,7             |
| Nominal weight (kg/km)        | 46                    | 72              |
| Temperature range             | Transport and storage | -40°C à +70°C   |
|                               | During installation   | -5°C à +50°C    |
|                               | Operation             | -20°C à +60°C   |

Color code FOTAG (fiber & modules) :



## RANGE

| Cable Content | Monomode 9/125 G657A1 | Multimode 50/125 OM3 | Multimode 50/125 OM4 | Multimode 50/125 OM5 |
|---------------|-----------------------|----------------------|----------------------|----------------------|
| 4 fibers      | B1401A                | B1407A               | B1413A               |                      |
| 6 fibers      | B1402A                | B1408A               | B1414A               | B1490A               |
| 8 fibers      | B1403A                | B1409A               | B1415A               |                      |
| 12 fibers     | B1404A                | B1410A               | B1416A               | B1491A               |
| 24 fibers     | B1405A                | B1411A               | B1417A               | B1492A               |
| 48 fibers     | B1495A                | B1496A               | B1497A               |                      |

## NORMS AND STANDARDS

### GENERAL



Cable and fibers : EN 60793-2 ; EN 60793-2-10 ; EN 60793-2-50 ; NF EN 60794-1-21 ; NF EN 60794-1-22

Wiring system : EN 50173-1 / ISO 11801

Applications : IEEE 802.3 10M to 10Gbit / IEEE 802.5 Token ring ANSI X3T9-5 (FDDI) ATM (155, 622, ...)

## FIRE BEHAVIOUR

| Number of fibers | Euroclass      | Declaration of performance | Standards   |
|------------------|----------------|----------------------------|---|
| 4 to 48 fibers   | B2ca-s1a,d1,a1 | 26NMC0004                  | IEC 60332-1-1 (No flame propagation)<br>NF EN 50399 (Heat and smoke released)<br>IEC 60754-2 (Low gas corrosivity)<br>IEC 61034-2 (Smoke opacity) |