

# ACOLAN<sup>®</sup> OPTICAL

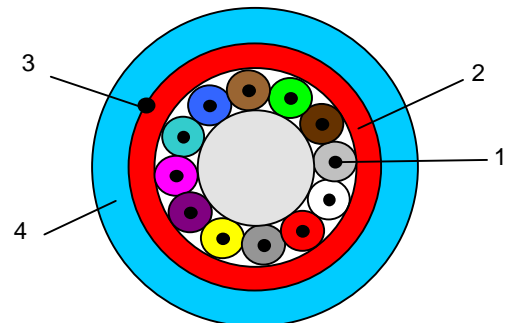
## Mini Break-out

4 to 24 fibres - Indoor/Outdoor – Dielectrical – LSOH – Dry watertightness.  
62.5/125, 50/125, 9/125



### DESCRIPTION :

- ① **Optical fibre :** From 2 to 12 Tight buffered 900µm optical fibres, multimode or singlemode (Fotag color code)
- ② **Reinforcement :** Water blocking glass yarns.
- ③ **Rip cord**
- ④ **Outer sheath :** Blue LSOH sheath, in accordance with EN 50290-2-27



### ACOME REFERENCES

| MBO Content    | ACOME cable references                     |   |                                       |
|----------------|--|---|---------------------------------------|
|                | MBO multimode 62.5/125<br>ACMM62.5 OMI     | MBO multimode 50/125<br>ACMM50 ENHANCED | MBO singlemodes 9/125*<br>ACSM2 METRO |
| 4 fibres       | N4651                                      | N5105                                   | N5051                                 |
| 6 fibres       | N4652                                      | N5106                                   | N5052                                 |
| 8 fibres       | N4653                                      | N5107                                   | N5053                                 |
| 12 fibres      | N4655                                      | N5109                                   | N5055                                 |
| 18 & 24 fibres | <i>Soon available - Please consult us.</i> |   |                                       |

\*9/125 : G652 fibres

### MAIN CABLE CHARACTERISTICS

|                                      |                     | MBO 4 fibres  | MBO 6 fibres | MBO 8 fibres | MBO 12 fibres |
|--------------------------------------|---------------------|---|--------------|--------------|---------------|
| <b>Temperature range :</b>           | Transport & storage | -30 / +70°C   |              |              |               |
|                                      | Installation        | -5 / +50°C  |              |              |               |
|                                      | Operation           | -30 / +70°C   |              |              |               |
| <b>Maximum pulling force (N)</b>     |                     | 700   | 800          | 900          | 900           |
| <b>Crush resistance (N/cm)</b>       |                     | 200   | 200          | 200          | 200           |
| <b>Minimum bending radius (mm)</b>   |                     | 45  | 60           | 65           | 75            |
| <b>Fire behaviour</b>                |                     | Compliant IEC 60332-1, IEC 60332-3-24 (3C) & PrEN 50399-2-1(CPD) Euroclass C    |              |              |               |
| <b>Standard packaging</b>            |                     | 1000m or 2100m drums  |              |              |               |
| <b>Nominal sheath thickness (mm)</b> |                     | 1   | 1.2          | 1.2          | 1.2           |
| <b>Nominal diameter (mm)</b>         |                     | 5   | 6            | 6.7          | 7.2           |
| <b>Nominal weight (kg/km)</b>        |                     | 29  | 41           | 49           | 60            |
| <b>Marking of outer jacket</b>       |                     | Manufacturing year – ACOME – fibre count & type – product reference<br>+ metric |              |              |               |

### STANDARDS

#### Cables and optical fibres

- IEC/EN 60793
- IEC/EN 60794-1

#### Cabling systems

- EN 50173
- ISO 11801

#### Applications

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