

# ACOLAN<sup>®</sup> OPTICAL

## Cords : *SIMPLEX - DIVISEX - DUPLEX.*

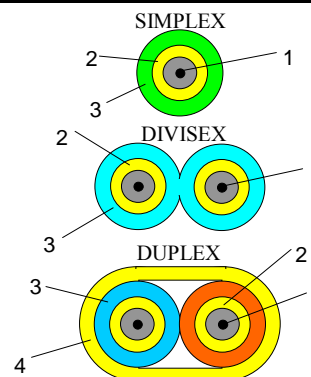
1 or 2 fibres – Indoor – Dielectrical - LSOH

62.5/125, 50/125, 9/125



### DESCRIPTION :

- ① **Optical fibre :** 1 or 2 Tight buffered 900µm optical fibres, multimode or singlemode
- ② **Reinforcement :** Aramid yarns.
- ③ **Cord sheath :** Colored LSOH\* sheath. Cord diameter 2mm, 2.5mm or 2.8mm. (except 2.8mm cord : PVC)
- ④ **Outer sheath :** Colored LSOH sheath.



### ACOME REFERENCES

Cord type	ACOME cable references		
	Fibre multimode 62.5/125 ACMM62.5 BASIC	Fibre multimode 50/125 ACMM50 BASIC	Fibre Singlemode ACSM2
Simplex 2.0mm	N5949	N5950	N5951
Simplex 2.5mm	M9828	M9881	N3681
Simplex 2.8mm	-	-	N3646 (PVC)
Divisex 2x2.0mm	N5954	N5955	N5956
Divisex 2x2.5mm	N3987	N4462	N4463
Duplex 2x2.5mm	M9888		N3749

### MAIN CABLE CHARACTERISTICS

		Simplex 2.0mm	Simplex 2.5mm	Divisex 2x2.0mm	Divisex 2x2.5mm	Duplex 2x2.5mm
<b>Temperature range :</b>	Transport & storage	-30 / +70° -5 / +50°C -10 / +70°C				
	Installation					
	Operation					
<b>Maximum pulling force (N)</b>		200	250	400	500	500
<b>Crush resistance (N/cm)</b>		250	350	250	350	350
<b>Minimum bending radius (mm)</b>		25	25	30	30	30
<b>Fire behaviour</b>						
<b>Standard packaging</b>		1000 ou 2100m spools				
<b>Nominal dimensions (mm)</b>		Diameter 1.95	Diameter 2.5	2x4.3	2.5x5.3	3.3x5.8
<b>Nominal weight (kg/km)</b>		4.2	5.5	8.4	11	19.5
<b>Marking of outer jacket</b>		Manufacturing year – ACOME – fibre count & type – product reference + 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, ...)