

### COR1823 – Subscriber Cable – Indoor/Outdoor – 4mm

1 to 4 Fibers – Indoor/Outdoor – Dielectric – Dry cable - LSOH



## APPLICATIONS

ACOME's drop cable (COR range) has been designed to meet the needs of connecting subscribers to FTTH networks. Protected by a flame retardant LSOH sheath, the cables have an excellent crush resistance and tensile strength, as well as an exceptionally small diameter.

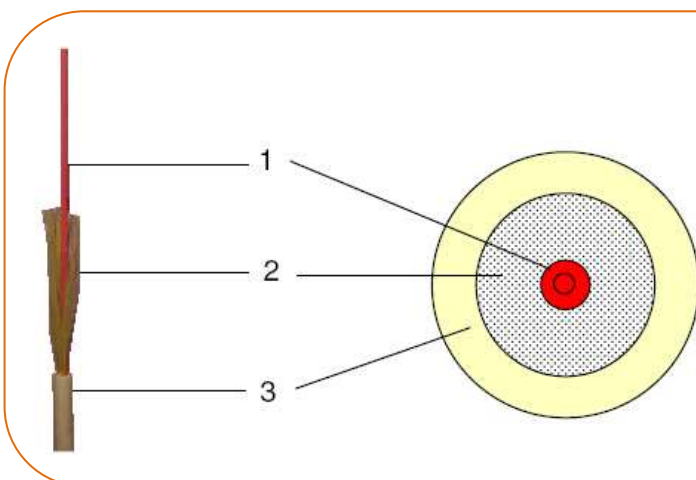
Acome's COR range 1823 (one to four-fiber) cables have a 4-mm diameter which allows for easy handling and installation. The cables are perfectly suited for indoor installations to connect subscribers via partitions, floor slabs and cluttered shafts. The cables are completely waterproof, and can thanks to their sheath's UV resistance, be installed outdoors on surfaces.

## MAIN SPECIFICATIONS

		Range 1213 1 fiber (1 module)	Range1229 2 fibers (2 modules)	Range 1274 4 fibers (1 module)
Nominal outside diameter(mm)		4		
Nominal thickness of the sheath (mm)		0.8		
Tensile strength (N)		400		
Maximum crush resistance (N/cm)		200		
Minimum bend radius (mm)		20		
Nominal weight (kg/km))		15		
Fire performance (CPR)		D <sub>CA</sub> -s2,d2,a2		
Temperatures	Storage & Transport	-40 / +70 °C		
	Installation	-5 / +50 °C		
	Operation	-30 / +70 °C		
Standard packaging		Coil of 250m, or reel of 4000m		
Storage		Indoor		
Marking (hot stamping, white) : 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 to 4 single-mode G657 fibers under strippable thermoplastic skin Semi-tight buffered 900µm for 1 or 2 FO Compact-tube for 4 Fo
- ② **Strength members:** Peripheral 100% aramid strength member and water swellable yarn
- ③ **Outer sheath:** **Sheath** zero halogen, flame retard (LSOH), UV Stabilized Ivory, Compliant EN 50290-2-27

## FIBER COLOR CODES

Standard color codes (colors 1 to 4)			
1	2	3	4
Red	Blue	Green	Yellow

## REFERENCES ACOME

Capacity	Single-mode G657 <b>ACSM7</b>	Module
1 fiber	N7857B	1
2 fibers	N8123A	1
4 fibers	N9117A	4

## 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>

## REFERENCE STANDARDS

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