

831 SERIES FOR TELEPHONE NETWORK

Steel armoured cables with balanced pairs for local area network - 831 series

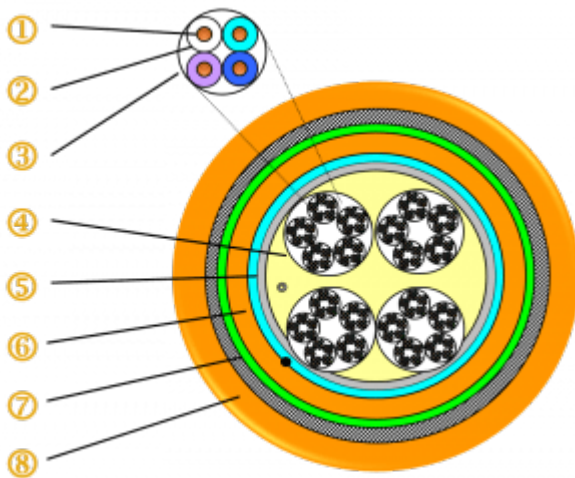
BENEFITS

- ACOME's 831 series cables have been used for decades in the fixed Telecom network in Belgium.
- From the outset, these cables have satisfied the highest quality transmission requirements. They still provide very high speed transmission for ADSL, ADSL2+ and VDSL protocols of Internet Service Providers (ISPs).

APPLICATIONS

- Series 831 balanced pair cables are designed for local area networks.
- These filled cables are medium-density PE intermediate sheathed with waterproofing barrier and equipped with metal strip armour.
- They are protected by an RAL 2003 orange medium-density PE outer jacket.
- These 6/10, 8/10 and 10/10 section cables have fibre counts from 200 to 800 pairs depending on the conductor cross-section.

GENERAL CHARACTERISTICS



1. Conductor: Red copper wire
2. Insulation: Double layer polyethylene
3. Assembly: Earth conductor 4-wire stars
4. Waterproofing: Petroleum jelly
5. Protection: Synthetic tape Screen: Tinned copper wire 8/10 / Copolymer aluminium tape
6. Sheath: Polyethylene sheath MD orange RAL 2003
7. Armour: Waxed papers / Black steel strips 7/10
8. Sheath: Polyethylene sheath MD orange RAL 2003

General

Item code	Range	Assembly	Number of pairs	Diameter of the conductor	Marking	Colour code
Contact us	831	4-wire stars	200 p.	5/10	ACOME	Std
Contact us	831	4-wire stars	400 p.	5/10	ACOME	Std
Contact us	831	4-wire stars	800 p.	5/10	ACOME	Std
Contact us	831	4-wire stars	1200 p.	5/10	ACOME	Std
Contact us	831	4-wire stars	1600 p.	5/10	ACOME	Std
Contact us	831	4-wire stars	200 p.	6/10	ACOME	Std
Contact us	831	4-wire stars	400 p.	6/10	ACOME	Std
Contact us	831	4-wire stars	800 p.	6/10	ACOME	Std
Contact us	831	4-wire stars	200 p.	8/10	ACOME	Std
Contact us	831	4-wire stars	400 p.	8/10	ACOME	Std

Color code

Tableau des codes couleurs

Quartes	Couleur du fil isolé			
	Paire 1		Paire 2	
	Fil 1	Fil 2	Fil 1	Fil 2
1	Blanc	Bleu	Turquoise	Violet
2	Blanc	Orange	Turquoise	Violet
3	Blanc	Vert	Turquoise	Violet
4	Blanc	Marron	Turquoise	Violet
5	Blanc	Gris	Turquoise	Violet
6	Rouge	Bleu	Turquoise	Violet
7	Rouge	Orange	Turquoise	Violet
8	Rouge	Vert	Turquoise	Violet
9	Rouge	Marron	Turquoise	Violet
10	Rouge	Gris	Turquoise	Violet

Les sous-faisceaux de 5 ou 10 quartes sont repérés par guirlandages colorés :

- Bleu, Orange, Vert, Marron, Gris, Blanc, Rouge, Noir, Jaune et Violet.

Les faisceaux de 50 quartes sont repérés par guirlandages colorés :

- Faisceau repère : Bleu / Faisceau directeur : Rouge / Autres faisceaux : Jaune

NORMS AND STANDARDS

General

ROHS 2002/95/CE