

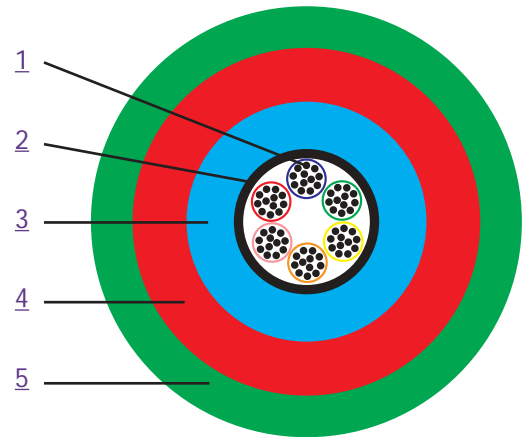
ACOPTIC®

ACOME Compact Tube range

Dielectric cables for blowing into ducts 6 to 288 optical fibres

Description

- 1 Compact tube : 6, 8 or 12 optical fibres
- 2 Waterproofing : dry cable, water swellable
yarns or tape
- 3 Tube : thermoplastic tube
- 4 Strength members : glass yarns
- 5 Outer jacket : LSOH or HDPE



ACOME references

Reference	No. of fibres	Jacket	Distribution of fibres
1075 series	6 to 36	HDPE	compact tubes of 6, 8 or 12 fibres
1083 series	6 to 36	LSOH	compact tubes of 6, 8 or 12 fibres
1076 series	40 to 72	HDPE	compact tubes of 6, 8 or 12 fibres
1084 series	40 to 72	LSOH	compact tubes of 6, 8 or 12 fibres
1077 series	80 to 144	HDPE	compact tubes of 8 or 12 fibres
1085 series	80 to 144	LSOH	compact tubes of 8 or 12 fibres

For other capacities, please contact us

General cable characteristics

	Characteristics	Test method
Temperature range transport and storage installation operation	-40°C to +60°C -5°C to +50°C -30°C to +60°C	IEC 60794-1-F1
Allowable tension Tmax fibre elongation ≤ 0.3%	800 to 1 500 N	IEC 60794-1-E1
Crush resistance plate/plate	250 to 300 N/cm	IEC 60794-1-E3
Min. bending radius static	150 to 200 mm	IEC 60794-1-E11 Test 2
Min. kink diameter	100 to 140 mm	IEC 60794-1-E10
Nominal outer jacket diameter	9.8 mm to 12.4 mm	
Packaging	2 100 m, 4 100 m and 6 100 m drums	
Nominal weight of cable	76 to 156 kg/m	
Jacket marking	Week – Year – ACOME - no. fibres X – product ref + metric	

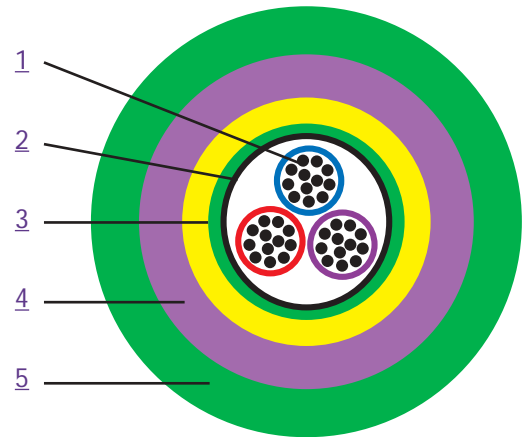
ACOPTIC®

ACOME Compact Tube range

Dielectric cables for pulling into ducts 6 to 288 optical fibres

Description

- 1 Compact tube : 6, 8 or 12 optical fibres
- 2 Waterproofing : dry cable, water swellable
yarns or tape
- 3 Tube : thermoplastic tube
- 4 Strength members : glass yarns
- 5 Outer jacket : LSOH or HDPE



ACOME references

Reference	No. of fibres	Jacket	Distribution of fibres
1072 series	6 to 36	HDPE	compact tubes of 6, 8 or 12 fibres
1083 series	40 to 72	HDPE	compact tubes of 6, 8 or 12 fibres
1074 series	80 to 144	HDPE	compact tubes of 6, 8 or 12 fibres
1095 series	168 to 288	HDPE	compact tubes of 12 fibres

General cable characteristics

	Characteristics	Test method
Temperature range transport and storage installation operation	-40°C to +60°C -5°C to +50°C -30°C to +60°C	IEC 60794-1-F1
Allowable tension Tmax fibre elongation ≤ 0.3%	2200 to 3500 N	IEC 60794-1-E1
Crush resistance plate/plate	300 N/cm	IEC 60794-1-E3
Min. bending radius static	150 to 250 mm	IEC 60794-1-E11 Test 2
Min. kink diameter	100 to 150 mm	IEC 60794-1-E10
Nominal outer jacket diameter	10.5 mm to 15.5 mm	
Packaging	2 100 m, 4 100 m and 6 100 m drums	
Nominal weight of cable	102 to 200 kg/m	
Jacket marking	Week – Year – ACOME - no. fibres X – product ref + metric	

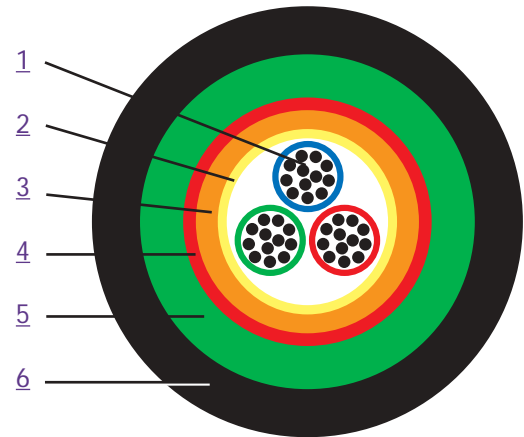
ACOPTIC®

ACOME Compact Tube range

Metal armoured cables for direct burial 6 to 288 optical fibres

Description

- 1 Compact tube : 6, 8 or 12 optical fibres
- 2 Waterproofing : dry cable, water swellable
yarns or tape
- 3 Tube : thermoplastic tube
- 4 Strength members : glass yarns
- 5 Armour : steel-copolymer
- 6 Outer jacket : LSOH or HDPE



ACOME references

Reference	No. of fibres	Jacket	Distribution of fibres
1086 series	6 to 36	HDPE	compact tubes of 6, 8 or 12 fibres
1087 series	40 to 72	HDPE	compact tubes of 6, 8 or 12 fibres
1088 series	80 to 144	HDPE	compact tubes of 8 or 12 fibres
1115 series	6 to 36	LSOH	compact tubes of 6, 8 or 12 fibres
1116 series	40 to 72	LSOH	compact tubes of 6, 8 or 12 fibres
1117 series	80 to 144	LSOH	compact tubes of 6, 8 or 12 fibres

For other capacities, please contact us

General cable characteristics

	Characteristics	Test method
Temperature range transport and storage installation operation	-40°C to +60°C -5°C to +50°C -30°C to +60°C	IEC 60794-1-F1
Allowable tension Tmax fibre elongation ≤ 0.3%	1 500 to 2 100 N	IEC 60794-1-E1
Crush resistance plate/plate	400 to 450 N/cm	IEC 60794-1-E3
Min. bending radius static	180 to 225 mm	IEC 60794-1-E11 Test 2
Min. kink diameter	125 to 150 mm	IEC 60794-1-E10
Nominal outer jacket diameter	12.5 mm to 14.8 mm	
Packaging	2 100 m, 4 100 m, 6 100 m and 8 200 m drums	
Nominal weight of cable	140 to 255 kg/km	
Jacket marking	Week – Year – ACOME - no. fibres X – product ref + metric	

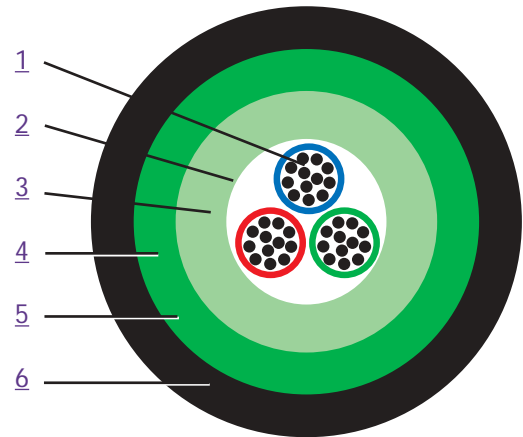
ACOPTIC®

ACOME Compact Tube range

Steel armoured cables for installation in tunnels 6 to 288 optical fibres

Description

- 1 Compact tube : 6, 8 or 12 optical fibres
- 2 Waterproofing : dry cable, water swellable yarns or tape
- 3 Tube : rigid halogen free thermoplastic tube
- 4 Strength members : glass yarns
- 5 Armour : steel-copolymer
- 6 Outer jacket : LSOH



ACOME references

Reference	No. of fibres	Jacket	Distribution of fibres
1136 series	6 to 36	LSOH	compact tubes of 6, 8 or 12 fibres
1137 series	40 to 72	LSOH	compact tubes of 6, 8 or 12 fibres

For other capacities, please contact us

General cable characteristics

	Characteristics	Test method
Temperature range transport and storage installation operation	-40°C to +60°C -5°C to +50°C -30°C to +60°C	IEC 60794-1-F1
Allowable tension T _{max} fibre elongation ≤ 0.3%	1 500 to 2 000 N	IEC 60794-1-E1
Crush resistance plate/plate	300 N/cm	IEC 60794-1-E3
Min. bending radius static	200 to 230 mm	IEC 60794-1-E11 Test 2
Min. kink diameter	130 to 160 mm	IEC 60794-1-E10
Nominal outer jacket diameter	13 mm to 15.5 mm	
Fire rating	In accordance with IEC 60332-1, IEC 60332-3-24 (cat C) NFC 32070 C2-C1	
Packaging	2 100 m, 4 100 m and 6 100 m drums	
Nominal weight of cable	161 to 265 kg/km	
Jacket marking	Week – Year – ACOME - no. fibres X – product ref + metric	