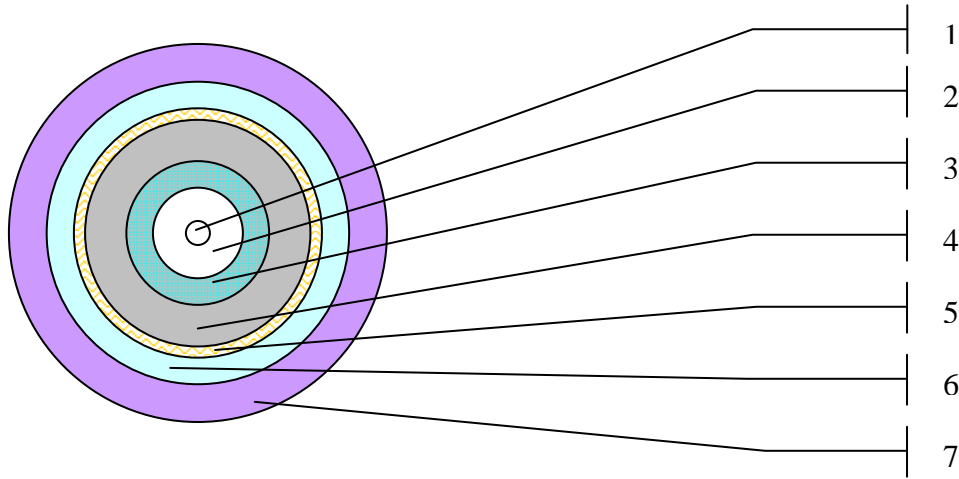


1 – CABLE CONSTRUCTION :



Item	Designation	Component details	Characteristics
1	Core (fibre)		Ø 50 µm +/-2µm
2	Cladding (fibre)		Ø 125 µm +/-1µm
3	Primary buffer	High Temp Acrylate	Ø 250 µm nom
4	Secondary buffer	Polyester	Ø 900 µm nom
5	Strength member	Aramid	
6	Jacket	HT PE	
7		PEEK	Ø 1.8mm +/-0.1mm Color: Purple

Please refer to our web website for the definition of the items 1, 2, 3:

http://www.drakafibre.com/draka/DrakaComteq/Drakafibre/Languages/English/Navigation/Markets%26Products/Multimode/GIMM_5062.5/index.html

2 – OPTICAL PERFORMANCES:

Fibre Type	OM2
Attenuation at 850nm (20°C)	<5dB/ km
Attenuation at 1300nm (20°C)	<3dB/ km
Bandwidth at 850nm	1000MHz/ km

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Draka Fileca Route Nationale n° 1 60730 Sainte-Geneviève – France Tél : +33 3 44 08 21 21 Fax : +33 3 44 08 98 86	E	18/11/11	SGA	Declaration of Performances
	D	10/05/10	SGA	New Layout
	C	27/04/10		Correction of materials
	B	30/10/08		Update
	A	07/12/06		First issue/ Draft
Approval : PI	Revision	Date	Author	Modifications

**3 –CHARACTERISTICS:
Based on EN4641-301 requirements:**

Table 1: Key Features

Property	Standard	Value
Operating temperature		- 60°C + 135°C
Nominal Mass	EN4641-301	3kg/ km
Minimum bend radius		Static Installation: 20mm
Tensile Strength	EN3745-505 Method B	>200N nom 450N
Accelerated Ageing	EN3745-401	nom Δα: 0 dB
Thermal Shock	EN3745-404	Δα ≤ 0.9dB from -60 to +135°C
Cold Bend	EN3745-406	nom Δα: 0.1 dB
Flammability	EN3745-407	nom 0s/ 40mm
Fluid Resistance	EN3745-411 Method 2	Skydrol, MEK, Kerosene, De-icing
Micro Bending	EN3745-504	nom Δα: 0.2 dB
Cut through	EN3745-507	No breakage
Kink	EN3745-509	nom Δα: 1.5 dB
Tie clamping	EN3475-517	nom Δα: 0.01 dB

Marking

DRAKA FILECA cable etude F1913-2P

3 –ENVIRONMENT:

Connectivity with

*ELIO[®], **Luxcis[®] ARINC801

*ELIO is a registered trademark from Souriau
**Luxcis is a registered trademark from Radiall

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