

Air Blown Unit

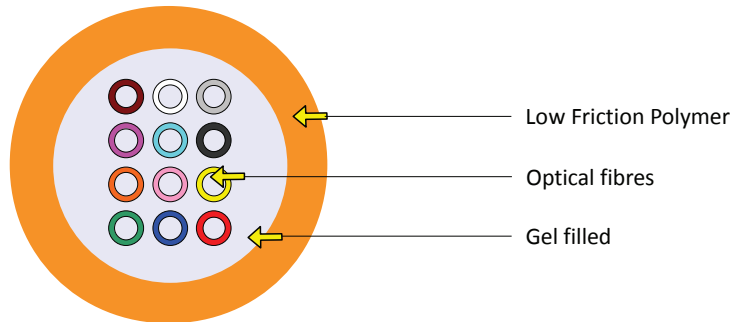
ID: **Z006**



KABELOVNA Děčín Podmokly s.r.o.
Ústecká 840/33, 405 33 Děčín 5
Czech Republic
DIČ CZ26759993
tel.: +420 412 706 222
www.kabelovna.cz

13.8.2015 ver.5

Air Blown Unit 2,8 mm max. 12F



Order example

2100 m Air Blown Unit 12E9/125G.657.A1 jacket colour ORG, cable specification Z006

Fibre colour coding

According to IEC 60304

1 Red	7 Brown
2 Green	8 Violet
3 Blue	9 Turquoise
4 Yellow	10 Black
5 White	11 Orange
6 Grey	12 Pink

Other fibre colour sequences available on request

Fibre Type

Single mode fiber 9/125
Multi mode fiber 50/125
Multi mode fiber 62,5/125

See the Fibre Specification sheet

Sheat Marking

Print colour	White
Print method	INK-Jet
Print legend	manufacturer's name, job number, type of cable, length marking @ 1 m intervals

Other print legends available on request

Packaging Standard put-up length Drum size

Plywood	2100 m \pm 5 %, other lengths on request	450×300×390
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Air Blown Unit max. 12F

Mechanical and Environmental properties

Test	Value	Unit	Method	Comment
Cable outer diameter	2,8 ± 0,1	mm	EN 60811-1-1	
Cable weight	8	kg/km		- calculated
Outer jacket thickness	0,6	mm		
Coefficient of friction	0,12			
Max. tensile strength	70	N	EN 60794-1-2-E1	- max. attenuation variation ≤ 0,1 dB at 1550 nm - no increase attenuation after the test
Crush resistance test	1000	N	EN 60794-1-2-E3	- plate dimensions 100×100 mm - max. attenuation variation ≤ 0,05 dB at 1550 nm - duration of loading 1 min. - no increase attenuation after the test
Impact resistance test	3	Nm	EN 60794-1-2-E4	- 3 Impact - no fibre cracking - max. attenuation variation ≤ 0,05 dB at 1550 nm - no increase attenuation after the test
Min. bend radius (no load)	10	× OD	EN 60974-1-2-E11a	- max. attenuation variation ≤ 0,05 dB at 1550 nm - no increase attenuation after the test
Min. bend radius (load)	15	× OD	EN 60974-1-2-E11b	- max. attenuation variation ≤ 0,05 dB at 1550 nm - no increase attenuation after the test
Moisture resistance test	pass		EN 60794-1-22-F5	- water height 1 m - sample length 3 m - no leakage on free sample end - duration of test 24h
Temperature range	Installation Operation Storage	-5 to +50°C -20 to +70°C -20 to +70°C	EN 60794-1-22-F1	- max. attenuation variation ≤ 0,1 dB at 1550 nm - Dwell time acc. to EN 60794-1-22-F1 - When installing or assembly under temperature below 5°C cable has to be stock in temp of 20°C at least 24h before installation. - no increase attenuation after the test

Cable life time - minimum 30 years

