

Self-Supporting Flat Cable

ID: **Z159**

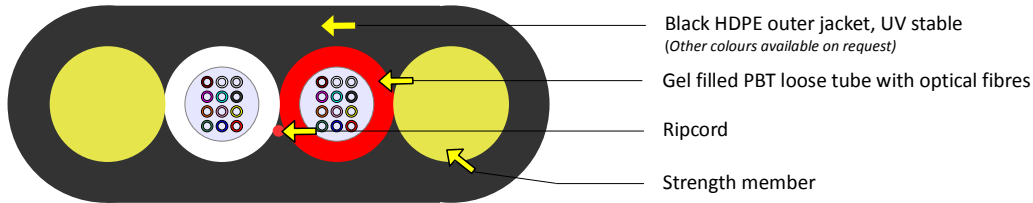


KABELOVNA Děčín Podmokly s.r.o.
Ústecká 840/33, 405 33 Děčín 5
Czech Republic
DIČ CZ26759993
tel.: +420 412 706 222
www.kabelovna.cz

18.5.2016 ver.7

A-D(2ZN)2YT 2×1,7 max. 24F

This cable is suitable for outdoor aerial use or direct burial to sand bed.

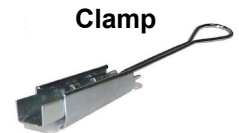


Black HDPE outer jacket, UV stable
(Other colours available on request)

Gel filled PBT loose tube with optical fibres

Ripcord

Strength member



Clamp

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

Order example

2100 m A-D(2ZN)2YT 24E9/125G.657.A1 jacket colour BLK, specification Z159

Sheet 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

Tube colour coding

According to IEC 60304

- 1 Red
- 2 Natural

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

Packaging Standard put-up length / Drum size

Plywood	2100 m *	755×300×390
	4000 m*	1000×640×390

* length toleration ± 5%

SPAN (m)	INSTALLATION		NESC LIGHT			NESC MEDIUM			NESC HEAVY		
			sag (m)		load (N)	Sag (m)		load (N)	sag (m)		load (N)
			horizontal	vertical		horizontal	vertical		horizontal	vertical	
20	0,3	84	0,47	0,13	478	0,36	0,43	683	0,35	0,59	1066
30	0,5	114	0,81	0,22	628	0,61	0,74	898	0,6	1,01	1419
40	0,6	169	1,12	0,3	809	0,86	1,05	1128			
50	0,8	198	1,51	0,4	940	1,16	1,41	1319			
60	0,9	253	1,86	0,5	1095						
70	1,1	282	2,29	0,61	1215						
80	1,2	338	2,68	0,72	1358						

Self-Supporting Flat Cable

ID: **Z159**



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

18.5.2016 ver.7

A-D(2ZN)2YT 2×1,7 max. 24F

Mechanical and Environmental properties

Test	Value	Unit	Method
Cable outer diameter	9,1±0,3x 3,8±0,4	mm	EN 60811-1-1
Cable weight	39	kg/km	
Outer jacket thickness	1,0 ± 0,2	mm	
Loose tube diameter	1,7	mm	
Max. tensile strength	1300	N	EN 60794-1-21-E1
Crush resistance test	4000	N	EN 60794-1-21-E3
Impact resistance test	3	Nm	EN 60794-1-21-E4
Min. bend radius (no load)	10	× OD	EN 60794-1-21-E11a
Min. bend radius (load)	14	× OD	EN 60794-1-21-E11b
Compound flow	pass		EN 60794-1-21-E14
Moisture resistance test	pass		EN 60794-1-22-F5
Temperature range	Installation Operation Storage	- 15 to + 50°C - 40 to + 70°C - 40 to + 70°C	EN 60794-1-22-F1

Cable life time - minimum 30 years

