

# Flat Aerial Cable

ID: **Z194**

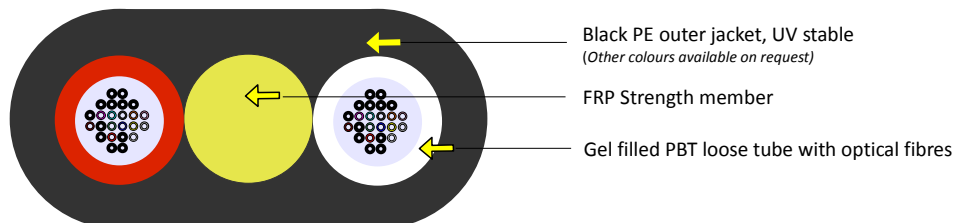


KABELOVNA Děčín Podmokly s.r.o.  
 Ústecká 840/33, 405 33 Děčín 5  
 Czech Republic  
 DIČ CZ26759993  
 tel.: +420 412 706 222  
 www.kabelovnia.cz

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## A-D(ZN)2YT 2×3,5 max. 48F

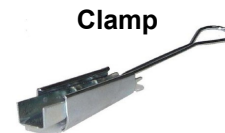
This cable is suitable for outdoor aerial use or direct burial to sand bed.



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

FRP Strength member

Gel filled PBT loose tube with optical fibres



**ODWAC XL**

### Mechanical and Environmental properties

Test	Value	Unit	Method
Cable outer diameter	12,5± 0,5 × 5,5± 0,3	mm	EN 60811-203
Cable weight	72	kg/km	
Outer jacket thickness	1,0 ± 0,2	mm	
Loose tube diameter	3,5	mm	
Max. tensile strength	2500	N	EN 60794-1-21-E1
Crush resistance test	2500	N	EN 60794-1-21-E3
Impact resistance test	3	Nm	EN 60794-1-21-E4
Min. bend radius (no load)	200	× OD	EN 60794-1-21-E11a
Min. bend radius (load)	250	× OD	EN 60794-1-21-E11b
Moisture resistance test	pass		EN 60794-1-22-F5
Temperature range	Installation	-15 to + 50	°C
	Operation	-40 to + 70	°C
	Storage	-40 to + 70	°C

Cable life time - minimum 30 years

### 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

### Fibre colour coding

According to IEC 60304

1 Red	7 Brown	13 Red*	19 Brown*
2 Green	8 Violet	14 Green*	20 Violet*
3 Blue	9 Turquoise	15 Blue*	21 Turquoise*
4 Yellow	10 Black	16 Yellow*	22 Natural*
5 White	11 Orange	17 White*	23 Orange*
6 Grey	12 Pink	18 Grey*	24 Pink*

\* with black rings

Other fibre colour sequences available on request

### Tube colour coding

1 Red
2 Natur

Other tubes colour sequences available on request

### Packing

Depending on ordered put-up lengths

SPAN (m)	INSTALATION		NESC LIGHT			NESC MEDIUM			NESC HEAVY		
			sag (m)		load (N)	Sag (m)		load (N)	sag (m)		load (N)
	sag (m)	N	horizontal	vertical		horizontal	vertical		horizontal	vertical	
40	0,6	236	0,6	0,24	1204	0,53	1,06	1380	0,44	1,47	2068
60	0,9	354	1,08	0,4	1617	0,77	1,79	1847	0,73	2,50	2755
80	1,2	472	1,6	0,57	1999	1,11	2,59	2277			
100	1,5	590	2,07	0,76	2350	1,48	3,44	2678			

