

Flat Aerial Cable

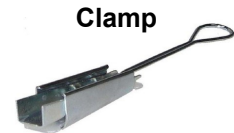
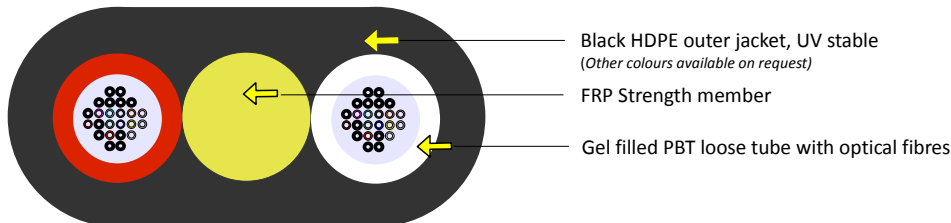
ID: **Z194**



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A-D(ZN)2YT HD 2×3,5 max. 48F

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



ODWAC XL

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

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

Order example

2100 m A-D(ZN)2YT HD 2×24 E9/125G.652D jacket colour BLK, specification Z194

Mechanical and Environmental properties

Max. tensile strength	*E1A	2500 N
Crush resistance	*E3	2500 N/10cm
Impact resistance	*E4	3 impacts (w/30N.m)
Min. bend radius	*E11	250 mm
Compound flow	*E14	30 cm / 24h / 70°C passed
Modulus		2,9 GPa
Thermal expansion coefficient		13,6 ppm/K
Temperature range	*F1	
	installation	-15 °C to +50 °C
	operation	-40 °C to +70 °C
	storage	-40 °C to +70 °C
Cable informative nominal weight (calc.)		75 kg/km
Standard put-up length		2100 m ± 5%
Packaging		Plywood drum
Loose tube diameter		3,5 mm
Outer jacket thickness		1,0±0,2 mm
Cable outer diameter		12,5±0,5 × 5,5±0,3 mm
		(measured acc.to EN 60811-1-1)

* IEC 60794-1-2

Note: When installing or assembly under temperature below 5°C cable has to be stock in temp of 20°C at least 24h before installation.

Cable life time - minimum 30 years

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			

