

Flat Aerial Cable

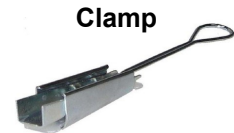
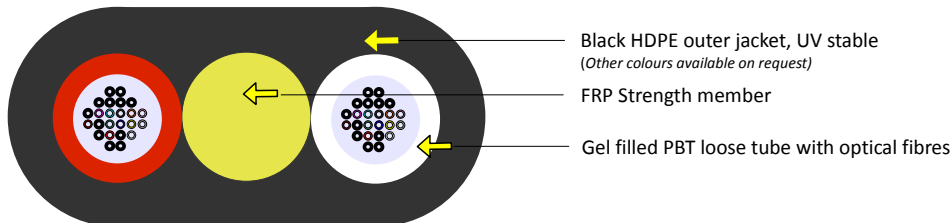
ID: **Z194**



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 18.5.2016 ver.5

A-D(ZN)2YT 2x3,5 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

Order example

2100 m A-D(ZN)2YT 2x2.4 E9/125G.652D jacket colour BLK, specification Z194

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

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

Packaging Standard put-up length / Drum size

| | | |
|---------|----------|--------------|
| Plywood | 2100 m * | 755x300x390 |
| | 4000 m * | 1000x640x390 |

* length toleration ± 5%

| 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 | | | |

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Mechanical and Environmental properties

| Test | Value | Unit | Method |
|----------------------------|--------------------------------------|--|--------------------|
| Cable outer diameter | 12,5±0,5 × 5,5±0,3 | mm | EN 60811-1-1 |
| Cable weight | 75 | 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) | 250 | × OD | EN 60794-1-21-E11a |
| Min. bend radius (load) | 200 | × OD | EN 60794-1-21-E11b |
| 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

