

A-DF(ZN)2Y



Technical data

- Temperature range operation -20°C to +60°C installation - 5°C to +50°C
- Minimum bending radius 15x cable diameter
- Max. tensile load 2500 N to 4500 N
- Max. transverse pressure 200 N/cm
- Caloric load (PE)
 - up to 50 fibres: 10,0 MJ/m
 - up to 60 fibres: 11,6 MJ/m
 - up to 80 fibres: 13,4 MJ/m
 - up to 100 fibres: 14,9 MJ/m
 - up to 144 fibres: 16,7 MJ/m
- Optical data see fibre specification, page I 22

Cable structure

- Graded index fibre 50/125 µm, 62,5/125 µm or single mode 9-10/125 µm
- Bundle cores with corresponding number of fibres
- Stranding of bundle cores around a dielectric strength member
- Filling of stranding cavities
- PE outer sheath, black
- Optional additional sheath of PA or glass yarn as non-metallic rodent protection

Application

This cable construction is similar to A-WF(ZN)2Y or A-WF(ZN)2Y4Y, but to get higher number of fibres bundle core are used.

| Designation | | Outer ∅ ca. mm | Weight kg/km | Max. tensile load N | Min. stat. bending radius mm | Part no. G 50/125 | Part no. G 62,5/125 | Part no. E 9/125 |
|-------------|-----|-------------------|-----------------|---------------------------|------------------------------------|----------------------|------------------------|---------------------|
| A-DF(ZN)2Y | 2 | 13,5 | 155 | 2500 | 203 | 80016 | 80033 | 80000 |
| | 4 | 13,5 | 155 | 2500 | 203 | 80017 | 80034 | 80001 |
| | 6 | 13,5 | 155 | 2500 | 203 | 80018 | 80035 | 80002 |
| | 8 | 13,5 | 155 | 2500 | 203 | 80019 | 80036 | 80003 |
| | 10 | 13,5 | 155 | 2500 | 203 | 80020 | 80037 | 80004 |
| | 12 | 13,5 | 155 | 2500 | 203 | 80021 | 80038 | 80005 |
| | 16 | 13,5 | 155 | 3000 | 203 | 80022 | 80039 | 80006 |
| | 20 | 13,5 | 155 | 3000 | 203 | 80023 | 80040 | 80007 |
| | 24 | 13,5 | 155 | 3000 | 203 | 80024 | 80041 | 80008 |
| | 30 | 13,5 | 155 | 3000 | 203 | 80025 | 80042 | 80009 |
| | 36 | 13,5 | 155 | 3000 | 203 | 80912 | 80913 | 80914 |
| | 40 | 13,5 | 155 | 3000 | 203 | 80026 | 80046 | 80010 |
| | 50 | 13,5 | 155 | 3000 | 203 | 80476 | 80477 | 80478 |
| | 60 | 13,5 | 155 | 3000 | 203 | 80027 | 80047 | 80011 |
| | 72 | 15,0 | 190 | 4000 | 225 | 80473 | 80474 | 80475 |
| | 80 | 15,5 | 190 | 4000 | 233 | 80028 | 80048 | 80012 |
| | 96 | 16,5 | 230 | 4000 | 248 | 80777 | 80774 | 80764 |
| | 100 | 17,5 | 265 | 4000 | 263 | 80029 | 80049 | 80013 |
| | 120 | 18,5 | 290 | 4000 | 278 | 80030 | 80050 | 80014 |
| | 144 | 20,0 | 340 | 4000 | 300 | 80032 | 80051 | 80015 |

Other constructions are available on request