

# Optical Dataline A-DQ(ZN)B2Y



**Primena:** Optičkog kabla sa centralnom cevi sa nemetalnim oklopom i zaštitom od glodara. Bubreći element unutar žile obezbeđuje uzdužnu vodonepropusnost kabla. Hrapav i otporan na habanje PE plašt omogućava jednostavnu instalaciju u cevima i kanalima. Plašt je bez halogena, ali nije otporan na plamen.

**Application:** Fiber optical cable with central tube with non-metallic armor and rodent protection. Swelling elements within the strand ensure longitudinally water tightness of the cable. The rugged and abrasion-resistant PE-sheath enables easy installation in tubes and ducts. The sheath is halogen-free, but not flame retardant.

|   |                         |
|---|-------------------------|
| Kvalitet vlakana:                       | vidi stranicu za vlakna |
| Element:                                | ispunjena široka cev    |
| Bez metala:                             | da                      |
| Oklop:                                  | stakleno predivo        |
| Materijal plašta:                       | polietilen              |
| Boja spoljnog plašta:                   | crna                    |
| Obeležavanje metraže:                   | da                      |
| Otpornost na plamen:                    | ne                      |
| UV-otpornost:                           | da                      |
| Maksimalna temperatura tokom rada:      | -20 - +70 °C            |
| Dozvoljena temperatura tokom poleganja: | 0 - +50 °C              |

|   |                           |
|---|---------------------------|
| Fiber quality:                          | see data-sheet for fibers |
| Element:                                | filled loose tube         |
| Metal free:                             | yes                       |
| Aarmor:                                 | glass yarns               |
| Sheathing material:                     | polyethylene              |
| Color of outer sheath:                  | black                     |
| Meter mark:                             | yes                       |
| Flame retardant:                        | no                        |
| UV-resistant:                           | yes                       |
| Max. operating temperature, fixed:      | -20 - +70 °C              |
| Temperature, moved/during installation: | 0 - +50 °C                |

## Optical Dataline A-DQ(ZN)B2Y (Z) 2,2kN

| Naziv kabla     | Presek                 | Boja         | Da  | MKO  | T     | RSZ | RSbZ | OG  |
|-----------------|------------------------|--------------|-----|------|-------|-----|------|-----|
| Cable name      | Cross section          | Color        | mm  | N    | kg/km | mm  | mm   | N   |
| A-DQ(ZN)B2Y (Z) | 1X4G50/125 Standard    | crna / black | 8,4 | 2200 | 64    | 160 | 140  | 200 |
| A-DQ(ZN)B2Y (Z) | 1X6G50/125 Standard    | crna / black | 8,4 | 2200 | 64    | 160 | 140  | 200 |
| A-DQ(ZN)B2Y (Z) | 1X8G50/125 Standard    | crna / black | 8,4 | 2200 | 64    |     |      | 200 |
| A-DQ(ZN)B2Y (Z) | 1X12G50/125 Standard   | crna / black | 8,4 | 2200 | 64    | 160 | 140  | 200 |
| A-DQ(ZN)B2Y (Z) | 1X16G50/125 Standard   | crna / black | 8,4 | 2200 | 64    | 160 | 140  | 200 |
| A-DQ(ZN)B2Y (Z) | 1X24G50/125 Standard   | crna / black | 8,4 | 2200 | 74    | 160 | 140  | 200 |
| A-DQ(ZN)B2Y (Z) | 1X4G62,5/125 Standard  | crna / black | 8,4 | 2200 | 64    | 160 | 140  | 200 |
| A-DQ(ZN)B2Y (Z) | 1X6G62,5/125 Standard  | crna / black | 8,4 | 2200 | 64    | 160 | 140  | 200 |
| A-DQ(ZN)B2Y (Z) | 1X8G62,5/125 Standard  | crna / black | 8,4 | 2200 | 64    | 160 | 140  | 200 |
| A-DQ(ZN)B2Y (Z) | 1X12G62,5/125 Standard | crna / black | 8,4 | 2200 | 64    | 160 | 140  | 200 |
| A-DQ(ZN)B2Y (Z) | 1X16G62,5/125 Standard | crna / black | 8,4 | 2200 | 64    | 160 | 140  | 200 |
| A-DQ(ZN)B2Y (Z) | 1X24G62,5/125 Standard | crna / black | 8,4 | 2200 | 74    | 160 | 140  | 200 |
| A-DQ(ZN)B2Y (Z) | 1X4G50/125 High Grade  | crna / black | 8,4 | 2200 | 64    | 160 | 140  | 200 |
| A-DQ(ZN)B2Y (Z) | 1X6G50/125 High Grade  | crna / black | 8,4 | 2200 | 64    | 160 | 140  | 200 |
| A-DQ(ZN)B2Y (Z) | 1X8G50/125 High Grade  | crna / black | 8,4 | 2200 | 64    | 160 | 140  | 200 |
| A-DQ(ZN)B2Y (Z) | 1X12G50/125 High Grade | crna / black | 8,4 | 2200 | 64    | 160 | 140  | 200 |
| A-DQ(ZN)B2Y (Z) | 1X16G50/125 High Grade | crna / black | 8,4 | 2200 | 64    | 160 | 140  | 200 |

| Naziv kabla     | Presek                 | Boja         | Da  | MKO  | T     | RSZ | RSbZ | OG  |
|-----------------|------------------------|--------------|-----|------|-------|-----|------|-----|
| Cable name      | Cross section          | Color        | mm  | N    | kg/km | mm  | mm   | N   |
| A-DQ(ZN)B2Y (Z) | 1X24G50/125 High Grade | crna / black | 8,4 | 2200 | 74    | 160 | 140  | 200 |

**Optical Dataline A-DQ(ZN)B2Y (V)**

| Naziv kabla | Presek                 | Boja         | Da   | MKO  | ZČP  | ES    | T     | RSZ | RSbZ | OG  |
|-------------|------------------------|--------------|------|------|------|-------|-------|-----|------|-----|
| Cable Name  | Cross section          | Color        | mm   | N    | N    | kWh/m | kg/km | mm  | mm   | N   |
| A-DQ(ZN)B2Y | 3X12G50/125 Standard   | crna / black | 11,5 | 3200 | 2000 | 3,6   | 107   | 250 | 180  | 300 |
| A-DQ(ZN)B2Y | 4X12G50/125 Standard   | crna / black | 11,5 | 3200 | 2000 | 3,6   | 107   | 250 | 180  | 300 |
| A-DQ(ZN)B2Y | 3X12G62,5/125 Standard | crna / black | 11,5 | 3200 | 2000 | 3,6   | 107   | 250 | 180  | 300 |
| A-DQ(ZN)B2Y | 3X12G50/125 High Grade | crna / black | 11,5 | 3200 | 2000 | 3,6   | 107   | 250 | 180  | 300 |
| A-DQ(ZN)B2Y | 4X12G62,5/125 Standard | crna / black | 11,5 | 3200 | 2000 | 3,6   | 107   | 250 | 180  | 300 |
| A-DQ(ZN)B2Y | 4X12G50/125 High Grade | crna / black | 11,5 | 3200 | 2000 | 3,6   | 107   | 250 | 180  | 300 |
| A-DQ(ZN)B2Y | 2X12E9/125             | crna / black | 11   | 3200 | 2000 | 3,6   | 107   | 250 | 180  | 300 |
| A-DQ(ZN)B2Y | 4X12E9/125             | crna / black | 11,5 | 3200 | 2000 | 3,6   | 107   | 250 | 180  | 300 |
| A-DQ(ZN)B2Y | 8X12E9/125             | crna / black | 13   | 4900 | 3100 | 3,4   | 125   |     |      | 300 |
| A-DQ(ZN)B2Y | 12X12E9/125            | crna / black | 15,5 | 5900 | 3700 | 4,6   | 185   |     |      | 300 |

**Optical Dataline A-DQ(ZN)B2Y plus**

| Naziv kabla      | Presek        | Boja         | Da | MKO  | ZČP  | T     | OG  |
|------------------|---------------|--------------|----|------|------|-------|-----|
| Cable Name       | Cross section | Color        | mm | N    | N    | kg/km | N   |
| A-DQ(ZN)B2Y plus | 1X4E9/125     | crna / black | 9  | 3000 | 2100 | 64    | 200 |
| A-DQ(ZN)B2Y plus | 1X4E9/125     | crna / black | 9  | 3000 | 2100 | 64    | 200 |
| A-DQ(ZN)B2Y plus | 1X4E9/125     | crna / black | 9  | 3000 | 2100 | 64    | 200 |
| A-DQ(ZN)B2Y plus | 1X4E9/125     | crna / black | 9  | 3000 | 2100 | 64    | 200 |

**Objašnjenje oznaka**

**Da** Spoljni dijametar  
**MKO** Momenat kidanja prilikom poleganja  
**ZČP** Zatezna čvrstoća (permanentno)  
**ES** Energija sagorevanja  
**T** Ukupna težina kabla  
**RSZ** Radijus savijanja sa opterećenjem zatezanja  
**RSbZ** Radijus savijanja bez opterećenja zatezanja  
**OG** Otpor gnječenja

**Labels explanation**

**Da** Outer diameter  
**MKO** Tensile strength (during installation)  
**ZČP** Tensile strength (permanent)  
**ES** Combustion energy  
**T** Total weight  
**RSZ** Bending radius with tension load  
**RSbZ** Bending radius without tension load  
**OG** Crush resistance