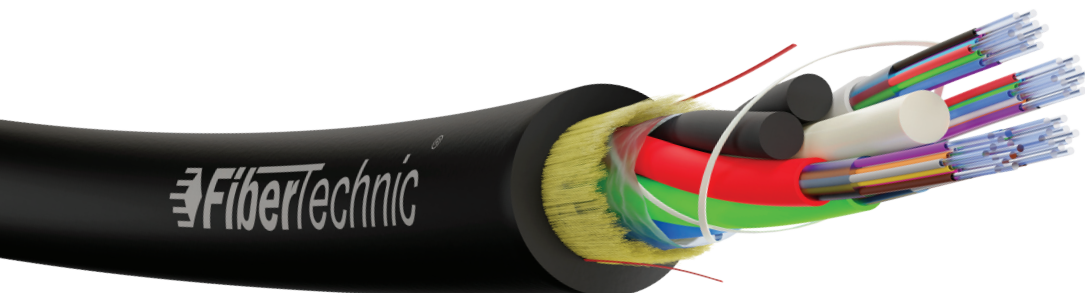


# FiberTechnic® ADSS Z-XOTKtsdD 12-144F G.652D Corning 3,0 kN (SPAN 100 m)

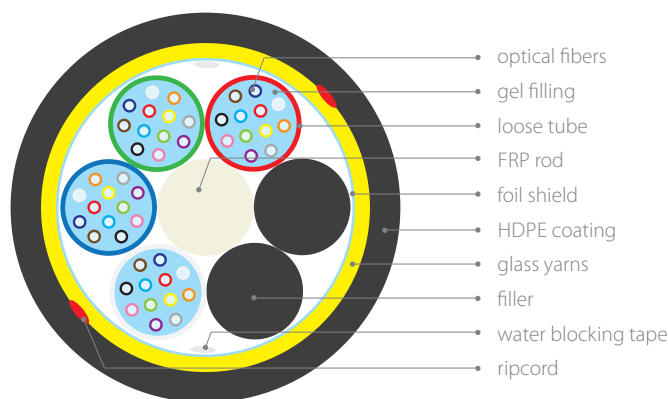


## Application

Self-supporting aerial cable designed for mounting on poles with SPAN up to 100m. Cables can be also used in ducts. Available with 12 to 144 fibers.

## Features

- self-supporting cable with aramid strengthening
- high performance
- fully dielectric
- UV resistant



## Mechanical and usage characteristics

Crush resistance: 2000 [N/10 cm]

Bending radius:

- static: 15 x cable diameter
- dynamic: 20 x cable diameter

Compliance: EN 187101, IEC 60794-1-2-E11

High quality polyethylene PE outer jacket.

ITU-T G.652D **Corning** fibers.

**BASF** fiber tubes.

Glass yarn strengthening.

## Identification of fibers and tubes

|                | 1-12 | 1   | 2     | 3    | 4     | 5      | 6      | 7    | 8      | 9     | 10   | 11    | 12        |
|----------------|------|-----|-------|------|-------|--------|--------|------|--------|-------|------|-------|-----------|
| tubes   fibers |      | ●   | ●     | ●    | ○     | ●      | ●      | ●    | ●      | ●     | ●    | ●     | ●         |
| color          |      | red | green | blue | white | purple | orange | grey | yellow | brown | pink | black | turquoise |

| Fibers       | Cable diameter [mm] | Weight [kg/km] | Strengthening elements [mm] | Tensile strength-installation [N] | Tensile strength- operation [N] | Working temperature range |
|--------------|---------------------|----------------|-----------------------------|-----------------------------------|---------------------------------|---------------------------|
| 12F 1Tx12F   | 8,5                 | 49,2           | FRP (1,8)                   | 3000                              | 1500                            | -40°C to +70°C            |
| 12F 2Tx6F    | 8,5                 | 49,2           | FRP (1,8)                   | 3000                              | 1500                            | -40°C to +70°C            |
| 24F 2Tx12F   | 9,0                 | 54,1           | FRP (1,8)                   | 3000                              | 1500                            | -40°C to +70°C            |
| 24F 4Tx6F    | 9,0                 | 57,6           | FRP (1,8)                   | 3000                              | 1500                            | -40°C to +70°C            |
| 36F 3Tx12F   | 9,0                 | 57,6           | FRP (1,8)                   | 3000                              | 1500                            | -40°C to +70°C            |
| 48F 4Tx12F   | 9,0                 | 61,1           | FRP (2,0)                   | 3000                              | 1500                            | -40°C to +70°C            |
| 72F 6Tx12F   | 9,0                 | 69,5           | FRP (2,0)                   | 3000                              | 1500                            | -40°C to +70°C            |
| 96F 8Tx12F   | 10,4                | 90,1           | FRP (2,0)                   | 3000                              | 1500                            | -40°C to +70°C            |
| 144F 12Tx12F | 12,8                | 134,5          | FRP (2,0)                   | 3000                              | 1500                            | -40°C to +70°C            |