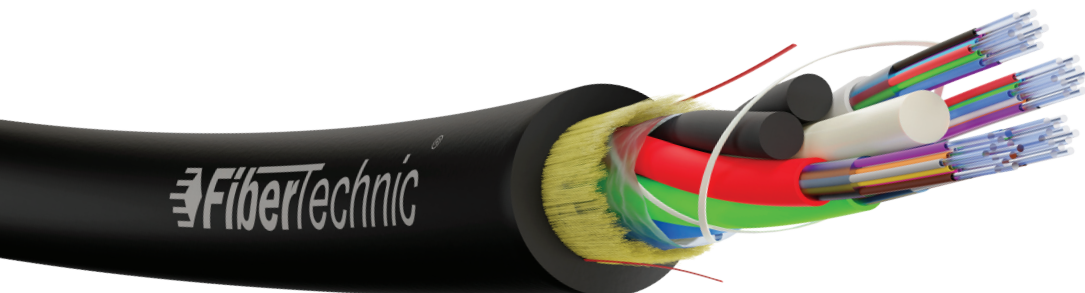


FiberTechnic® ADSS Z-XOTKtsdD 12-144F G.652D Corning 3,0 kN (SPAN 100 m)

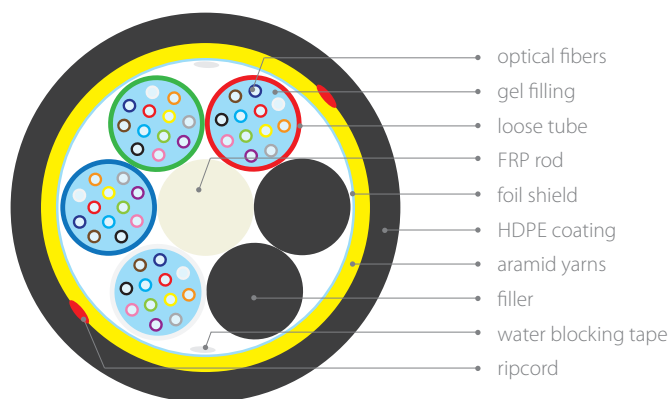


Application

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.

Aramid 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