

# FiberTechnic® Lite Z-XOTKtsd 12-144F G.652D 1,5 kN

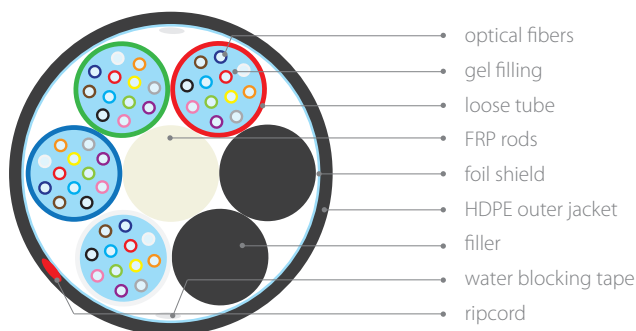


## Application

Cable with reduced diameter, designed to be used in outdoor installations, telecommunication ducts and trays. Available with 12 to 144 fibers.

## Features

- small diameter
- lightweight
- high performance
- flexible, easy to strip
- UV resistance



## 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** fibers.

**BASF** fiber tubes.

## 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
12J 1Tx12F	7,5	39,5	FRP (1,5)	1500	600	-40°C to +70°C
12J 2Tx6F	7,5	41,8	FRP (1,5)	1500	600	-40°C to +70°C
24J 2Tx12F	7,5	39,9	FRP (1,5)	1500	600	-40°C to +70°C
24J 4Tx6F	7,5	41,3	FRP (1,5)	1500	600	-40°C to +70°C
36J 3Tx12F	7,5	41,3	FRP (1,5)	1500	600	-40°C to +70°C
48J 4Tx12F	7,5	42,6	FRP (1,5)	1500	600	-40°C to +70°C
72J 6Tx12F	7,5	45,3	FRP (1,5)	1500	600	-40°C to +70°C
96J 8Tx12F	8,6	58,0	FRP (1,8)	1500	800	-40°C to +70°C
144J 12Tx12F	10,4	77,1	FRP (1,8)	1500	1000	-40°C to +70°C