

FiberTechnic® Z-XOTKtsdDb 12-144F G.652D Corning 1,5 kN



Application

Reinforced cable 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

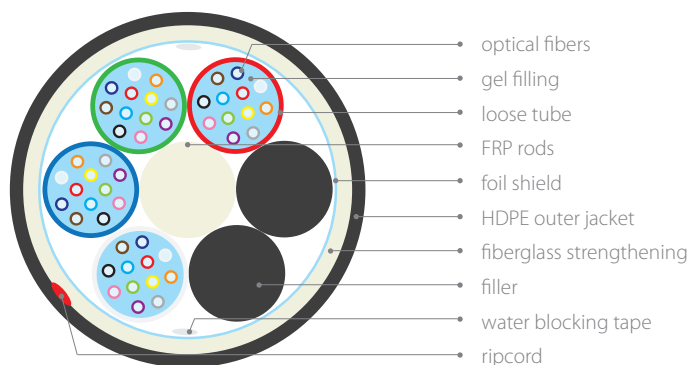
Mechanical and usage characteristics

Crush resistance: 2500 [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 HDPE outer jacket.

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

BASF fiber tubes.

Fiberglass 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	8,0	49,0	FRP (1,8)	1500	1000	-40°C to +70°C
12F 2Tx6F	8,0	49,0	FRP (1,8)	1500	1000	-40°C to +70°C
24F 2Tx12F	8,3	50,7	FRP (1,8)	1500	1000	-40°C to +70°C
24F 4Tx6F	8,3	50,9	FRP (1,8)	1500	1000	-40°C to +70°C
36F 3Tx12F	8,3	52,0	FRP (1,8)	1500	1000	-40°C to +70°C
48F 4Tx12F	8,5	53,0	FRP (1,8)	1500	1000	-40°C to +70°C
72F 6Tx12F	8,5	54,2	FRP (1,8)	1500	1000	-40°C to +70°C
96F 8Tx12F	10,4	89,2	FRP (3,0)	1500	1000	-40°C to +70°C
144F 12Tx12F	12,5	118,3	FRP (5,4)	1500	1000	-40°C to +70°C