

FiberTechnic® Micro 12-144F G.652D Corning 0,65 kN



Application

Microduct cabling for air-blowing in 14/10 mm and 12/8 mm ducts. Additionally cable can be installed in trays, ducts, pipes and wherever there is no risk of damage by rodents.

Features

- small diameter
- air-blowing application
- fully dielectric
- UV resistance

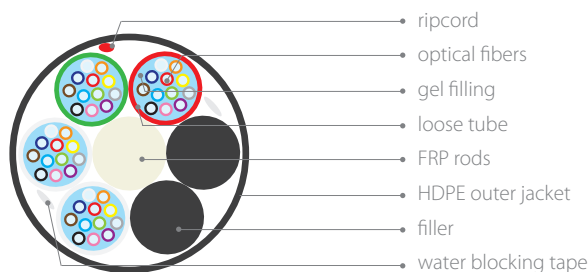
Mechanical and usage characteristics

Crush resistance: 300 [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.

Identification of tubes

1-12	1	2	3	4	5	6	7	8	9	10	11	12
tubes fibers	●	●	○	○	○	○	○	○	○	○	○	○
color	red	green	white	white	white	white	white	white	white	white	white	white

Identification of fibers

1-12	1	2	3	4	5	6	7	8	9	10	11	12
tubes fibers	●	●	○	○	●	●	●	●	●	●	●	●
color	red	green	white	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	5,5	19,8	FRP (1,2)	650	500	-40°C to +70°C
12F 2Tx6F	5,5	19,8	FRP (1,2)	650	500	-40°C to +70°C
24F 2Tx12F	5,5	22,2	FRP (1,6)	650	500	-40°C to +70°C
24F 4Tx6F	5,5	22,2	FRP (1,6)	650	500	-40°C to +70°C
36F 3Tx12F	5,5	24,5	FRP (1,6)	650	500	-40°C to +70°C
48F 4Tx12F	5,5	26,8	FRP (1,6)	650	500	-40°C to +70°C
72F 6Tx12F	5,5	29,2	FRP (1,6)	650	500	-40°C to +70°C
96F 8Tx12F	6,5	50,3	FRP (1,6)	650	500	-40°C to +70°C
144F 12Tx12F	7,9	68,0	FRP (1,6)	650	500	-40°C to +70°C