

FiberTechnic® AERO FLAT Z-XOTKtcdp 2-24F G.652D 1,7 kN SPAN 70m



Application

Multipurpose, outdoor cable for aerial and duct installation.

Features

- UV resistant
- small diameter
- lightweight
- flexible
- small bending radius
- high performance

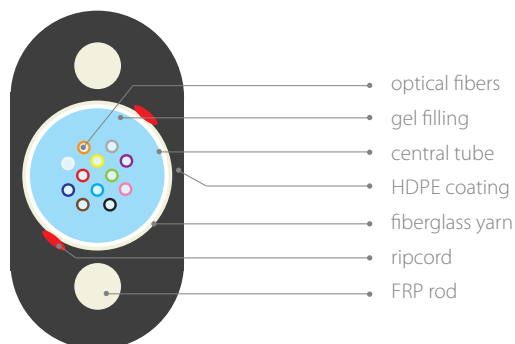
Mechanical and usage characteristics

Crush resistance: 1500 [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
2F	2,6x5,6	15,4	FRP (2x0,5)	1200	500	-40°C to +70°C
4F	2,6x5,7	15,4	FRP (2x0,9)	1200	500	-40°C to +70°C
8F	3,3x6,0	19,8	FRP (2x0,9)	1200	500	-40°C to +70°C
12F	3,3x6,0	19,9	FRP (2x0,9)	1200	500	-40°C to +70°C
24F	4,2x6,6	25,1	FRP (2x0,9)	1200	500	-40°C to +70°C