Single-Fiber Armored High-Temperature Fiber Optic Cable

High Temperature Cables

A single optical fiber and a metal armor layer form a high-temperature cable for installations requiring mechanical protection. Cable diameter varies by construction.



Technical specifications

Product model	TBF Xn/600K/K/1400E / TBF Xn/500E/900K/K/1800E / TBF Xn/600E/1100K/K/2000E
Cable outside diameter (mm)	1.40±0.10 / 1.80±0.10 / 2.00±0.10
Cable mass (kg/km) (Reference value)	4 / 6 / 8
Tensile load, short / long term (N)	150/100 / 300/200 / 300/200
Minimum bend radius	Static: 10 × cable diameter; dynamic: 20 × cable diameter
Operating temperature (°C)	-55 to +150