FO Universal Cable

Central Loose Tube (1 x 4/8/12/24 Fibers)



Application	Characteristics
Indoor- and outdoor application	Universal cable LSZH black, non-metallic, longitudinal water tight
Installation in conduits and shafts	UV resistant, halogenfree, rodent resistant
Primary cabling (campus): backbone	Loose tube, 250µm coating
Secondary cabling (vertical): riser area (backbone)	

Standards	Temperature Range
Flame retardant: IEC 60332-1, Longitudinal water tight: IEC 60794-1-2	Operation: -10°C ~ 50°C
Halogenfree: IEC 60754-2, Low smoke: IEC 61034	Transport / Storage: -30°C~ 70°C
Transmission specifications: IEC 60793, ITU-T G652, G651	Installation: - 5°C ~ 50°C
Cabling: ISO/IEC 11801, EN 50173	

Technical Data

Number of Fibers	Outer Diameter	Weight	Bending Radius (Installation)	Tensile Force (Installation)
4 (1 x 4)	7.0 mm	50 kg / km	140 mm	1.6 kN
8 (1 x 8)	7.0 mm	50 kg / km	140 mm	1.6 kN
12 (1 x 12)	7.0 mm	50 kg / km	140 mm	1.6 kN
24 (1 x 24)	7.6 mm	59 kg / km	150 mm	1.6 kN