



Central tube up to 24 Fiber

Loose tube 48 up to 144 Fibers

Specifications

Application:

- Indoor- and outdoor application
- Installation in conduits and shafts
- Primary cabling (Campus), Backbone
- Secondary cabling (vertical): riser area (backbone)

Characteristics:

- Universal cable LSZH black, non-metallic, longitudinal water tight
- UV resistant, halogenfree, rodent resistant
- Central/Loose tubes, 250µm coating

Technical data

Standards:

- Flame retardant: IEC 60332-1, Halogenfree: IEC 60754-2, Low smoke: IEC 61034
- Transmission specification: IEC 60793, ITU-T G657A1 biegeunempfindlich, G651
- Cabling: ISO/IEC 11801, EN 50173, Längswasserdicht: IEC 60794-1-2

Temperature Range:

- Operation: -20°C ~ 70°C / G657A1 Faser -40°C ~ 70°C
- Transport /Storage: -30°C~ 70°C
- Installation: - 5°C ~ 50°C

FA2030

FA2029

Optical Data

	62.5/125 Multimode	50/125 Multimode	50/125 Multimode	50/125 Multimode	9/125 Singlemode
Fiber (µm), Type	62.5/125 Multimode	50/125 Multimode	50/125 Multimode	50/125 Multimode	9/125 Singlemode
Fiber category	OM1	OM2	OM3	OM4	G.657.A1
Wavelengths (nm)	850 / 1300	850 / 1300	850 / 1300	850 / 1300	full spectrum
Typ. attenuation (dB/km):	≤ 3.2 / ≤ 0.9	≤ 2.7 / ≤ 0.7	≤ 2.7 / ≤ 0.8	≤ 2.7 / ≤ 0.8	< 0.4
Over filled Launch Bandwidth (OFL = Over Filled Launch) MHz*km	200 / 500	500 / 500	1500 / 500	3500 / 500	- / -
Minimum Effective Modal Bandwidth (EMB) MHz*km	- / -	- / -	2000 / -	4700 / -	- / -