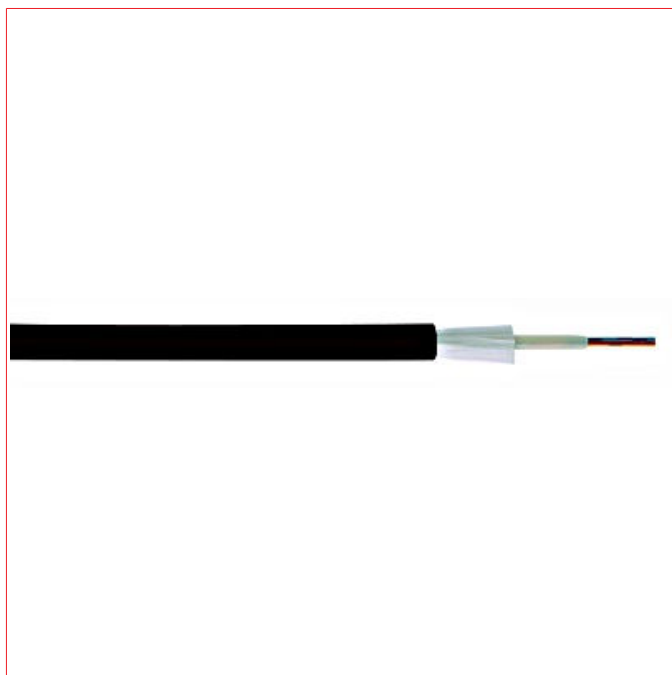


Data Sheet for Article: HSFUBH049T

FO Universal Cable A/I-DQ(ZN)BH 4x 9/125µm OS2, LS0H, Dca

nonmetallic rodent protection, black, 6mm, 1250N, Drum 2100m



SCHRACK- Info

- For outdoor use in structured (data) wiring systems such as industrial backbone, campus backbone, building backbone (riser) and/or horizontal cabling. Support of all computer network applications, e.g. FDDI, Gigabit Ethernet and ATM.
- Suitable for direct burial.
- Easy to install in ducts, tunnels and trenches.

FEATURES AND BENEFITS

- Non-metallic rodent protection.
- Predicted lifetime > 30 years.



Technical Data

Fibre count	4
Net diameter (mm)	5,80
Diameter - Central tube (mm)	3,30
Primary coating (µm)	250 ± 15
Net weight (kg)	0,04
Suitable	Universal cable

Technical Data - continued

Watertightness	Yes
Rodent protection	Yes
Predicted lifetime	> 30 Years
Euroclass acc. to EN50575	Dca
Smoke production	s2
Droplets	d1
Acidity	a1
Temperature range - Transport/storage (°C)	-30 to +70
Temperature range - Installation (°C)	-5 to +50
Temperature range - Operation (°C)	-30 to +70
Pulling tension - Long term (N)	420
Pulling tension - Short term (N)	1250
Bending radii cable - Static (Ø)	10 x Ø
Bending radii cable - Dynamic (Ø)	20 x Ø
Bending radii for fibres and tubes (Ø)	> 25
Mode-Field / Cladding diameter (µm)	9,2 ± 0,4 125 ± 0,7
Wavelength (nm)	1310 1383 1550 1625
Attenuation (dB/km)	0,34 0,31 0,21 0,24
Dispersion (ps/nm-km)	≤ 3,5 ≤ 18
Ethernet performance 1GB (m)	> 5000 - >70000 -
Ethernet performance 10GB (m)	> 10000 - > 40000 -
PMD (ps/km)	≤ 0,2
Cable Cutt-off-Wavelength (nm)	≤ 1260
Refractive Index	1,467 - 1,467 1,467

GUIDE TO INSTALLATION AND HANDLING

- When laying and installing optical fibre cables it is vitally important not to exceed the specified values set for pulling tension, bending radii and temperature. The installation methods have to be in accordance with the common standards.
- To ease insertion into tubes by means of compressed air or pulling wire, certified lubricants (e.g. paraffin) may be used.
- The use of soap or similar substances as lubricants is strictly prohibited.
- If a cable needs to be fastened, constrictions > 0.3 mm must be prevented.
- The jelly filling inside the tubes can be removed using a tissue soaked in turpentine.
- It is advisable to cap the cable-ends during storage.

Article Table

DESCRIPTION	Order No.
FO Universal Cable A/I-DQ(ZN)BH 4x 9/125µm OS2, LS0H, Dca nonmetallic rodent protection, black, 6mm, 1250N, Drum 2100m	HSFUBH049T
Optional Accessories	
FO Splicebox, 4Fibers, LC, 9/125µm OS2, sliding, 19", 1U	HSELS049LG
FO Splicebox, 4Fibers, SC, 9/125µm OS2, sliding, 19", 1U	HSELS049CG
FO Splicebox, 4Fibers, FC, 9/125µm OS2, sliding, 19", 1U	HSELS049FG