

Data Sheet for Article: HSEUBH049T

FO Universal Cable A/I-DQ(ZN)BH 4x 9/125µm OS2, LS0H-3, Dca

nonmetallic rodent protection, black, 8mm, 5000N, Drum 2100m



Technical Data

Fibre count	4
Net diameter (mm)	7,90
Diameter - Central tube (mm)	4
Primary coating (µm)	250 ± 15
Net weight (kg)	0,07
Suitable	Universal cable
Watertightness	Yes
Rodent protection	Yes
Predicted lifetime	> 30 Years
Crush resistance (N/m)	≤ 10000
Cable jacket	LS0H-3
Flame retardancy	Pass
Halogen-free	pH ≥ 3,5 - µS/cm ≤ 100
Smoke Density	Pass

Technical Data - continued

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)	≤ 2500
Pulling tension - Short term (N)	≤ 5000
Bending radii cable - Static (Ø)	10 x Ø
Bending radii cable - Dynamic (Ø)	15 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
Ehternet performance 1GB (m)	> 5000 - >70000 -
Ehternet 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-3, Dca nonmetallic rodent protection, black, 8mm, 5000N, Drum 2100m	HSEUBH049T
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