

Data Sheet for Article: HSEAB2Y123

FO Outdoor Cables PE A-DQ(ZN)B2Y 12x50/125µm OM3, 6mm

nonmetallic rodent protection, black, 1500N



SCHRACK-Info

- For outdoor use in structured (data) wiring systems such as industrial backbone, campus backbone, building backbone (riser) and/or horizontal cabling.
- Suitable for direct burial.
- For outdoor use in networks for industrial, telecom, cable TV and/or broadcast.
- Easy to install in ducts, tunnels and trenches and/or tubes.
- UV-resistant according to ISO 4892-2.

FEATURES AND BENEFITS

- The special properties of outdoor cables include moisture resistance, stability against mechanical stresses and resistance to rodent damage.
- Predicted lifetime ≥ 30 years.

Technical Data

Net weight (kg)	0,03
Fiber	50/125 OM3 Multimode

Technical Data - continued

Cable jacket	PE (Outdoor)
Colour	Black
Diameter (mm)	6
Pulling tension - Operation (longterm) (N)	500
Pulling tension - Installation (shortterm) (N)	1500
Wavelength (nm)	850 1300
Min. ambient temperature (°C)	-30
Max. ambient temperature (°C)	70
Mode-Field / Cladding diameter (µm)	50 ± 2,5 125 ± 1
Fibre count	12
Net diameter (mm)	5,80
Diameter - Central tube (mm)	3,30
Watertightness	longitudinally watertight
Rodent protection	Yes
Predicted lifetime	≥ 30 Years
Temperature range - Transport/storage (°C)	-30 to +70
Temperature range - Installation (°C)	-5 to +50
Temperature range - Operation (°C)	-30 to +70
Bending radii cable - Installation (shortterm) (Ø)	11,6 x Ø
Bending radii cable - Operation (longterm) (Ø)	5,8 x Ø
Cable Max. Crush Resistance Operation (longterm) (N/m)	7500
Cable Max. Crush Resistance Installation (shortterm) (N/m)	15000
Attenuation (dB/km)	2,7 / 2,9 0,7 / 0,9
Bandwidth (MHz*km)	≥ 1500 ≥ 500
Ethernet performance 1GB (m)	1000 550
Ethernet performance 10GB (m)	300 300
Numerical aperture	0,20 ± 0,015

Article Table

DESCRIPTION	Order No.
FO Outdoor Cables PE A-DQ(ZN)B2Y 12x50/125µm OM3, 6mm nonmetallic rodent protection, black, 1500N	HSEAB2Y123
Optional Accessories	
FO Splicebox, 12 Fibers, LC, 50/125µm OM3, 19", 1U, Class B acc. to IEC 61753-1, RAL7035, sliding, pigtails inserted and prepared ready for splicing, PREMIUM	HSELS123LG
FO Splicebox, 12 Fibers, SC, 50/125µm OM3, 19", 1U, Class B acc. to IEC 61753-1, RAL7035, sliding, pigtails inserted and prepared ready for splicing, PREMIUM	HSELS123CG
FO Splicebox, 12 Fibers, ST, 50/125µm OM3, 19", 1U, Class B acc. to IEC 61753-1, RAL7035, sliding, pigtails inserted and prepared ready for splicing, PREMIUM	HSELS123TG
Back to back cable tie black 16mm x 4m	Q7KB0416-S
Back to back cable tie blue 16mm x 4m	Q7KB0416-B
Back to back cable tie red 16mm x 4m	Q7KB0416-R
Back to back cable tie yellow 16mm x 4m	Q7KB0416-Y
Back to back cable tie green 16mm x 4m	Q7KB0416-U