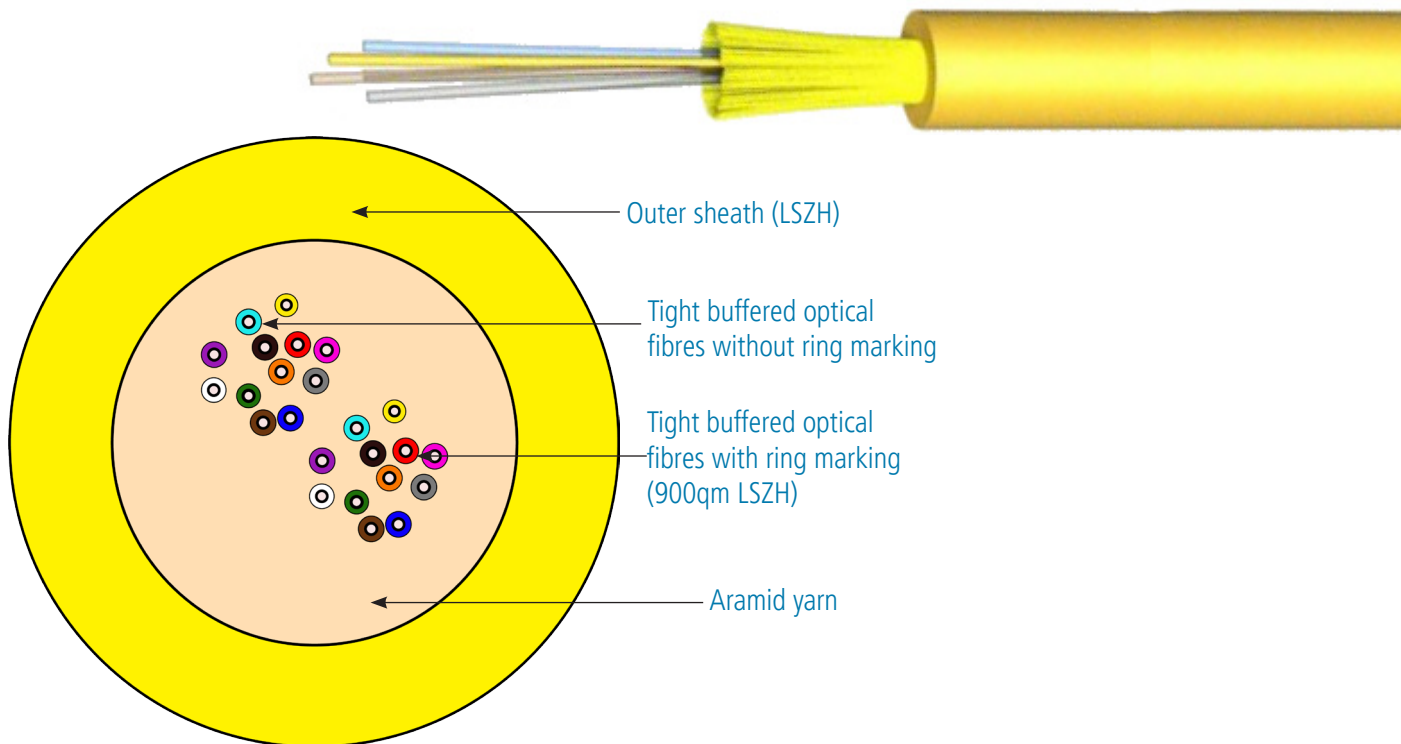


Fiberkabel AXAI OS2 9/125 μ m

K-AXAI-Y-OS2-1m / K-AXAI-S-OS2-1m



FEATURES

- For indoor and outdoor use
- Yellow cable with black print
- LSZH sheath
- G.652D fibre without waterpeak
- Delivered as 500 meters on a plastic reel

TECHNICAL DATA

CHARACTERISTICS	UNIT	VALUE
ATTENUATION @ 1310 nm	dB/km	< 0.34
@ 1550 nm	db/km	< 0.21
CHROMATIC DISPERSION 1285-1330 nm	ps/nm*km	< 3.5
@1550 nm	ps/nm*km	< 17
ZERO DISPERSION WAVELENGTH	nm	1302-1322
ZERO DISPERSION SLOPE	ps/km*nm ²	< 0.09
CUT OFF WAVELENGTH	nm	1170-1210
POLARISATION MODE DISPERSION	ps/√km	< 0.2
MODE FIELD DIAMETER at 1310 nm	μm	9.2 ± 0.4
CORE-CLAD CONCENTRICITY ERROR	μm	< 0.5
CLADDING NON CIRCULARITY	%	< 0.8
CLADDING DIAMETER	μm	125 ± 0.7
COATING DIAMETER	μm	245 ± 7

MECHANICAL & ENVIROMENTAL PROPERTIES

Crush resistance	500 Newton / 10cm
Max operating / installation temperature	-40°C to +70°C

PHYSICAL & DIMENSIONS PROPERTIES

NO. OF FIBRES	12 F 24 F
STRENGTH MEMBER	ARAMID YARN REINFORCEMENT
TENSILE STRENGTH MAXIMUM (N)	1450
COLOUR SEQUENCE OF FIBRE	12F WITHOUT RING: BLUE, ORANGE, GREEN, BROWN, SLATE, WHITE, RED, BLACK, YELLOW, VIOLET, ROSE , AQUA 12F WITH SINGLE RING: BLUE, ORANGE, GREEN, BROWN, SLATE, WHITE, RED, NATURAL, YELLOW, VIOLET, ROSE, AQUA
OUTER SHEATH MATERIAL	LSZH
OUTER SHEATH THICKNESS	>1.1 mm
OUTER CABLE DIAMETER	9.5 ± 0.5 mm
CABLE WEIGHT	70 ± 8 kg/km
TYPE OF FIBRE	Singlemode G.652D
OUTER SHEATH COLOUR	YELLOW
PRINTING ON CABLE	FIBERWORKS AXAI OS2 xxxxx METERS