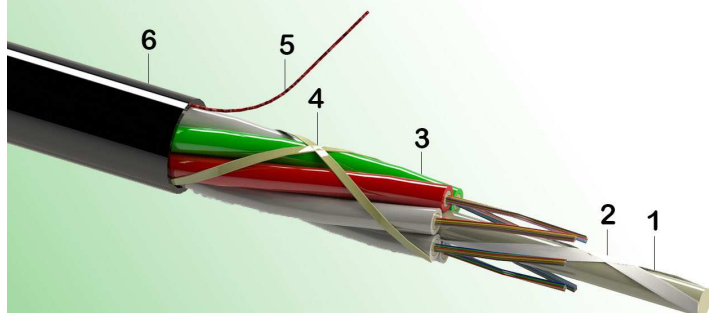


TK DIXI cable construction code*: **MT.x1,5AH xx.yy.zz**
* - for more details see 'TK DIXI coding of FOC constructions - guide '
DIN code: **A-DQ(ZN)2Y nx1,5**



1. FRP central strength member
2. Water-swellable yarn
3. Gel filled PBT loose tube with optical fibres
4. Water-swellable aramid yarns
5. Rip-cord
6. HDPE UV stable outer jacket

Cable general description

Multi-loose-tube micro-cable for outdoor installation to micro-tubes.

TK DIXI cable construction code*:

MT6x1,5AH MT8x1,5AH MT3x1,5AH

Note:

Construction and dimensions

Max. fibre count (12f/t):	72	96	144
Loose-tubes count - n:	6	8	12
Loose tube nominal diameter (mm):		1,55	
Outer jacket nominal thickness (mm):		0,5	
Cable nominal outer diameter (mm):	5,7	6,6	8,6
Cable informative weight (kg/km):	30	40	60
Standard put-up length (m):	2100/4100 m ± 5%		

Basic features

Tensile strength (N):	600	1200	1400	IEC 60794-1-2/E1A
Crush resistance (N/10cm):		1000		IEC 60794-1-2/E3
Impact resistance:		3x w/10N.m		IEC 60794-1-2/E4
Min. bend radius:		20xD/15xD (D=cable diameter)		load/no load

Temperature range

installation	-5 ÷ 50°C
operation	-30 ÷ 70 °C
storage	-40 ÷ 70°C

IEC 60794-1-2/F1

Moisture resistance

Cable expected life time

yes
Min. 30 years

IEC 60794-1-2/F5

Outer jacket

Material	UV stable HDPE
Jacket colour	Black.
Sheath marking	Ink-Jet, white.
Print legend	"TK DIXI Optics - cable type - lot number - length marking per 1m". Customer print legend available on request.

Optical fibres

Colour coding (IEC 60304)	1.red, 2.green, 3.blue, 4.yellow, 5.white, 6.grey, 7.brown, 8.violet, 9.turquoise, 10.black, 11.orange, 12.pink
Loose-tube colour coding	1.red, 2.green, rest of tubes. white (fillers uncoloured or black)
Fibre type	All kinds of single- and multi-mode fibres (OS2, OM1, OM2, OM3, OM4). Geometrical and transmission parameters are available at separate generic datasheet.

