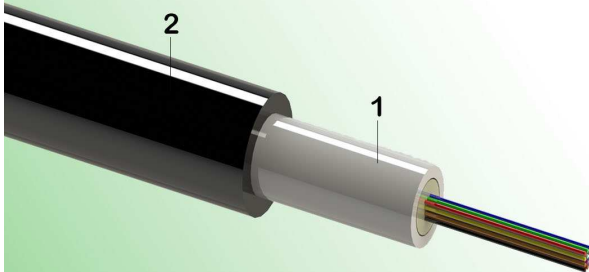


TK DIXI cable construction code*: **MT1H xx.yy.zz**
* - for more details see 'TK DIXI coding of FOC constructions - guide '
DIN code: **A-D2Y**



1. Gel filled PBT loose tube with optical fibres
2. HDPE UV stable outer jacket

Cable general description

This micro-cable designed for blowing to micro-ducts can contain max 12 fibres and is suitable for outdoor installation.

Construction and dimensions

Loose tube nominal diameter	2,0 mm
Outer jacket nominal thickness	0,5 mm
Cable nominal outer diameter	3,0 mm
Cable informative weight	8 kg/km
Standard put-up length	2100/4100 m ± 5%

Basic features

Tensile strength	50 N	IEC 60794-1-2/E1A
Crush resistance	1000 N/10cm	IEC 60794-1-2/E3
Impact resistance	3x w/10N.m	IEC 60794-1-2/E4
Min. bend radius	15x cable diameter	no load
	20x cable diameter	load

Temperature range

installation	-5 ÷ 50°C	IEC 60794-1-2/F1
operation	-20 ÷ 70 °C	
storage	-30 ÷ 70°C	

Moisture resistance	yes	IEC 60794-1-2/F5
Cable expected life time	Min. 30 years	

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
Fibre type	All kinds of single- and multi-mode fibres (OS2, OM1, OM2, OM3, OM4). Geometrical and transmission parametres are available at separate generic datasheet.

