

ABOUT US

1993

The **year of foundation** of the company

2003

QMS in accordance with **ISO 9001** has been implemented

2009

The first **kilometer** of optical cable was produced

2010

A new workshop for cable production with an area of **5.5 thousand m²** was built

2011

The production of a product range for **FTTH** network using **GPON** technology was launched

2015

The LAN cable manufactured by KCEP was **successfully certified** in Germany in accordance with European standards

2016

The **serial production** of an optical microcable for blowing in accordance with European standards was launched

2018

In Germany successfully completed test of **optical cable** in accordance with European standards

2019

KCEP is the **main supplier** of optical cable for the government project “Digital Kazakhstan”

KCEP



TOTAL AREA
100 000 m²

60 000 km



PRODUCTION CAPACITY OF FIBER OPTICAL CABLE

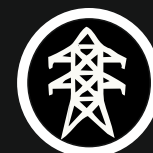


more
250
EMPLOYEES



KCEP

FIBER OPTICAL CABLE
aerial



KCEP

kcep.kz

KCEP

29 YEARS on the market and successfully supplies products to the CIS and European countries.

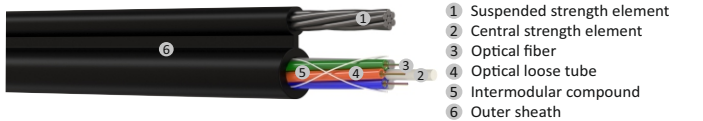
Today KCEP is one of the leading manufacturer of optical and LAN cables.

ГОСТ



Cable type KC-OKT

Application for suspension on communication poles, public lighting poles and between buildings



- Technical data

Code of cable type	3047
Number of fibers	48
Number of loose tube	6
Number of fibers in loose tube	8
Short-term crush test, kN/cm (N/10cm)	0,3 (3000)
Dynamic tensile strength, not less than, kN	6,5
Operating temperature	-50 ... +70 °C
Installation temperature	-10 ... +50 °C
Overall dimensions, thickness x height, mm	8,7x15,0

Cable type KC-OKTO

Application for suspension on communication poles, public lighting poles and between buildings

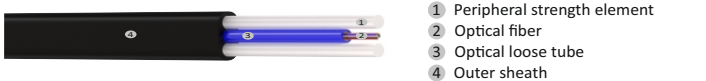


- Technical data

Code of cable type	3211	3212
Number of fibers	24	
Number of loose tube	1	
Number of fibers in loose tube	2-24	
Short-term crush test, kN/cm (N/10cm)	0,4 (4000)	0,8 (8000)
Dynamic tensile strength, not less than, kN	7,0	4,5
Operating temperature	-50 ... +70 °C	
Installation temperature	-10 ... +50 °C	-30 ... +50 °C
Overall dimensions, thickness x height, mm	5,3x10,7	5,4x11,0

Cable type KC-OKGO

Application for suspension between communication poles, for installation in cable racks, on the walls of building in case of absence risks of mechanical damages, in protection pipes by blowing method



- Technical data

Code of cable type	1209	1210	1221	1222	1223	1224
Number of fibers	12	24	2	4	16	24
Number of loose tube	1	2	1			
Number of fibers in loose tube	2-12	12-24	1-2	2-4	8-16	24
Short-term crush test, kN/cm (N/10cm)	1,0 (10000)					
Dynamic tensile strength, not less than, kN	1,7		0,6	1,1	1,5	1,9
Operating temperature	-40 ... +60 °C		-50 ... +70 °C			
Installation temperature	-10 ... +50 °C					
Overall dimensions, thickness x height, mm	3,6x8,1	3,6x11,0	5,3x2,4	6,5x2,8	7,2x3,6	7,7x4,0

Cable type KC-OKP

Application for suspension between buildings, on lighting poles, on 0,4-10 kV power lines, in cable ducts, pipes, blocks, collectors, on bridges and in shafts, in case of risks of cable damage by rodents

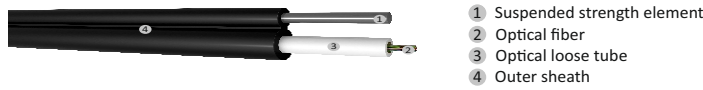


- Technical data

Code of cable type	6307
Number of fibers	48
Number of loose tube	6
Number of fibers in loose tube	8
Short-term crush test, kN/cm (N/10cm)	0,15 (1500)
Dynamic tensile strength, not less than, kN	4,7
Operating temperature	-50 ... +70 °C
Installation temperature	-10 ... +50 °C
Cable outer diameter, mm	9,2

Cable type KC-OKTO

Application for suspension on communication poles, public lighting poles and between buildings



- Technical data

Code of cable type	3209	3210
Number of fibers	24	
Number of loose tube	1	
Number of fibers in loose tube	2-24	
Short-term crush test, kN/cm (N/10cm)	0,55 (5500)	0,4 (4000)
Dynamic tensile strength, not less than, kN	2,0	4,0
Operating temperature	-40 ... +70 °C	-50 ... +70 °C
Installation temperature	-10 ... +50 °C	
Overall dimensions, thickness x height, mm	4,8x8,1	4,7x10,5

Cable type KC-FTTHSC

Application for suspension on communication poles and on the walls of the buildings



- Technical data

Code of cable type	4013
Number of fibers	2
Short-term crush test, kN/cm (N/10cm)	0,1 (1000)
Dynamic tensile strength, not less than, kN	0,6
Operating temperature	-40 ... +70 °C
Installation temperature	-10 ... +40 °C
Overall dimensions, thickness x height, mm	2,2x5,6

* The parameter "dynamic tensile strength, kN" is indicated at a fiber elongation of 0,6%

Cable type KC-FTTHD

Application for suspension on communication poles and on the walls of the buildings

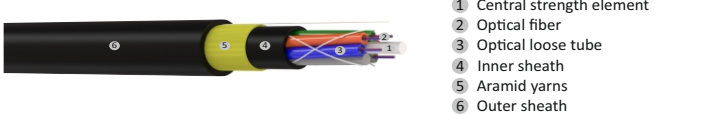


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- Technical data

Code of cable type	4043	4047
Number of fibers	2	
Short-term crush test, kN/cm (N/10cm)	0,3 (3000)	
Dynamic tensile strength, not less than, kN	0,33	0,70
Operating temperature	-40 ... +70 °C	
Installation temperature	-10 ... +40 °C	
Overall dimensions, thickness x height, mm	2,2x5,2	2,7x6,0

Cable type KC-OKK

Application for manual or mechanical suspension on poles of overhead lines, on power lines with voltage up to 110 kV poles, on the walls of buildings, in cable trays



- Technical data

Code of cable type	7008	7114	7120
Number of fibers	24		60
Number of loose tube	6	5	
Number of fibers in loose tube	4	12	
Short-term crush test, kN/cm (N/10cm)	0,3 (3000)		0,22 (2200)
Dynamic tensile strength, not less than, kN	4,0	6,0	4,0
Operating temperature	-40 ... +50 °C	-40 ... +70 °C	
Installation temperature	-10 ... +50 °C		-15 ... + 60 °C
Cable outer diameter, mm	9,5	11,9	10,3