

FLEXIDRUM® FIBER 770

ELETTROTEK KABEL® FLEXIDRUM® FIBER 770



Construction:

Optical fibers:	core ø: 50 µm, 62,5 µm, 9 µm cladding: 125 µm coating: 250 µm standard type: 62,5/125 (others on request)
Tubes:	Thermoplastic compound
Central unit:	high-tech yarns
Stranding:	fiber-optics around central unit 6-12-18 fiber-optics laying in 6 tubes (1,2 or 3 fibers per tube)
Supporting screen:	anti-twisting protection of synthetic yarns
Outer sheath:	black (similar to RAL 9005), rubber PCP type 5GM2

Resistance:



Self-extinguishing and flame retardant acc. to:
DIN VDE 0482 part 265-2-1
EN 50265-2-1
IEC 60332-1-2



Oil resistance acc. to:
DIN VDE 0473 part 811-2-1
IEC EN 60811-2-1

Technical data:

Temperature range:	
<i>Fixed laying:</i>	-40°C up to +80°C
<i>Flexible installation:</i>	-30°C up to +60°C
Min. bending radius:	15 x D
Max torsion:	± 120°/m
Tensile strength:	1200 N
Max transverse pressure:	300 N/cm
Max speed (main application):	240 m/min

Features:

UV resistant
oil and chemical resistance
for SPEED and MINIMUM BENDING RADIUS
see pages from 2 to 8 of catalogue
RoHS approval



Part no.	No. of cores x cross-section n x mm ²	No. of fibers x tube	Outer-Ø ca. mm ± 10%	Cable weight approx. kg/km	Tensile strength N
0109007F061F62	6G62,5/125 Micron	1	14	230	1200
0109007F061F52	6G50/125 Micron	1	14	230	1200
0109007F06AF09	6E9/125 Micron	1	14	230	1200
0109007F121F62	12G62,5/125 Micron	2	14	230	1200
0109007F121F52	12G50/125 Micron	2	14	230	1200
0109007F12AF09	12E9/125 Micron	2	14	230	1200
0109007F181F62	18G62,5/125 Micron	3	14	230	1200
0109007F181F52	18G50/125 Micron	3	14	230	1200
0109007F18AF09	18E9/125 Micron	3	14	230	1200

Other dimensions and colors available on request.