

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-TECHYARNS
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:	
FIXED LAYING:	-40°C UP TO +80°C
FLEXIBLE INSTALLATION:	-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 1 TO 4 OF CATALOGUE
 ROHS APPROVAL



Part no.	No. of fibers	No. of fibers x tube	Outer-Ø ca. mm ± 10%	Cable weight approx. kg/km	Tensile strength N
0109007F061F62	6 g 62,5/125 MICRON	1	14	230	1200
0109007F061F52	6 g 50/125 MICRON	1	14	230	1200
0109007F06AF09	6 e 9/125 MICRON	1	14	230	1200
0109007F121F62	12 g 62,5/125 MICRON	2	14	230	1200
0109007F121F52	12 g 50/125 MICRON	2	14	230	1200
0109007F12AF09	12 e 9/125 MICRON	2	14	230	1200
0109007F181F62	18 g 62,5/125 MICRON	3	14	230	1200
0109007F181F52	18 g 50/125 MICRON	3	14	230	1200
0109007F18AF09	18 e 9/125 MICRON	3	14	230	1200

Other dimensions and colors available on request.