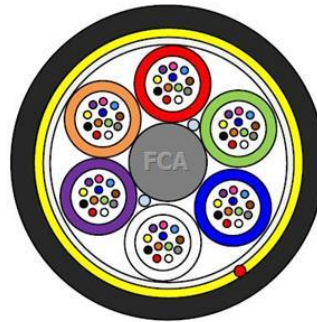


FA-LOFC-ADSS

Aerial fiber optic cable to use in FTTH network and underground telecommunications duct systems



Cable view in cross section

features:

- multitube construction,
- singlemode fiber 9 / 125 μ m G.652D standard (option available with G657A1 fiber),
- peripheral strength elements made of aramid yarns,
- central FRP member,
- outer sheath made of black HDPE,
- span length up to 60m (NESC Heavy, SAG 2%).
- possibility of installation in underground telecommunications duct systems (A-DQ(ZN)B2Y)

standards and certificates:

- IEC 60793
- IEC 60794-1-2
- IEC-60304
- EIA/TIA 598

sectors:



FA-LOFC-ADSS

technical parameters:

FA-LOFC-ADSS	12	24	36	48	72	96	144
number of tubes/fillers	6			8			12
diameter of tubes[mm]	2,1						
coating material	HDPE						
thickness of outer sheath [mm]	1,5±0,2						
fiber type	G.652D/G.657A1						
tensile force [N]	3000			3200			4000
crush [N]	2200						
cable diameter [mm]	10,3±0,5			11,6±0,5			14,6±0,5
transport temperature [°C]	-40 to +70						
installation temperature [°C]	-10 to +60						
operating temperature [°C]	-40 to +70						
cable weight [kg /km]	80			102			157
bending radius [mm]	20xD						
water penetration	3m sample, 1m height, 24h						
tensile test	tensile, 5min, $\Delta\alpha$ reversible, fiber strain ≤ 0.60 %						