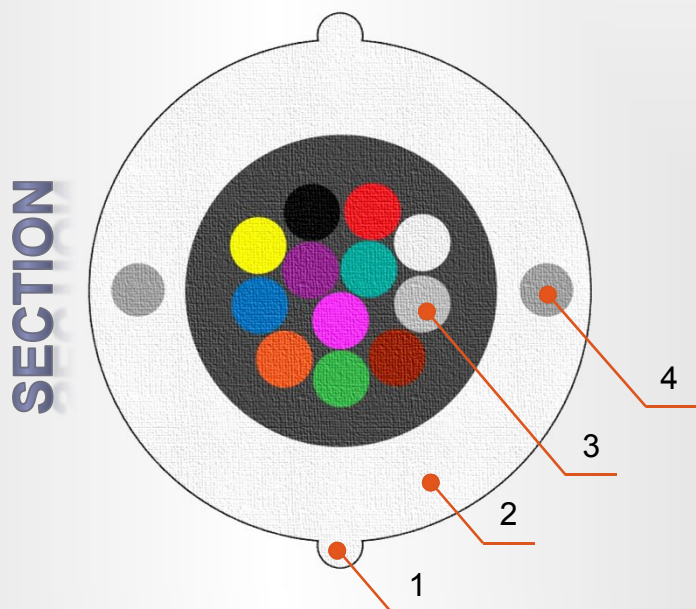


Fiber optic Easy Access cables TELCOLINE 12-36F, G.657A2 E-EA-12-36J

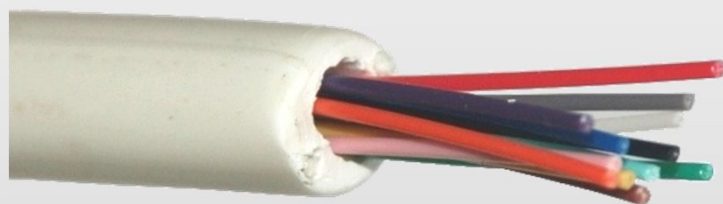


Construction of cable:

- 1 – Window cut marker
- 2 – LSZH jacket
- 3 – Optical fibers (easy strip)
- 4 – FRP (Fiber Reinforced Polymer) rods



Fiber optic cables Easy Access TELCOLINE 12-36F are totally dielectric, UV radiation, humidity, low and high temperature resistant. The cables are intended for indoor installations. They are designed for vertical assembly in multifamily and office buildings. The fibers can be branched directly to individual subscribers without the need for splicing within the riser of the building. They are easily extracted from breaking windows in the loose tube. It is possible thanks to the special design of the tube and fibers. Structure of cable contains two **FRP** (Fiber Reinforced Polymer) rods strengthening and protecting fibers. Jacket of cable is made of **LSZH** (Low Smoke Zero Halogen) material, which is composed of thermoplastic compounds that emit limited smoke and no halogen when exposed to high sources of heat, e.g. flame. Optical fibers G.657A2 are compatible with G.652 standard.



Attenuation for G.657A2

- 1310nm ≤ 0,35 dB/km
- 1550nm ≤ 0,20 dB/km

Technical properties	EN standard	IEC standard	12F	16F	24F	36F
Tensile strenght installation	EN 187000	IEC 794-1-E1	300N	500N	500N	700N
Tensile strenght operation	EN 187000	IEC 794-1-E1	100N	200N	200N	300N
Crush resistance	EN 187000, m, 504	IEC 794-1-E3	500N/100mm			
Operating temperature			-30 °C to +70 °C			

Nr.Cat	Number of fibers	Cable diameter [mm]	Colour of jacket	Weight [kg/km]	Minimum bend radius (temporary/permanent) for cable [mm]	
E-EA-12J	12	8,5	White	60	85	170
E-EA-16J	16	10,5	White	90	105	210
E-EA-24J	24	10,5	White	90	105	210
E-EA-36J	36	11,5	White	120	115	230