

5.4 Indoor cables - FTTH transparent cables

TELCOLINE

✓ Fiber optic transparent cable E-FTTH-01-B3, G.657B3, 0.9 mm



- ▶ Transparent jacket (Nylon 12)
- ▶ Diameter 0.9 mm
- ▶ Minimum bending radius: 2.5 mm
- ▶ High impact resistance
- ▶ Excellent abrasion resistance
- ▶ Weatherproof
- ▶ Optical fiber G.657B3

Applications:

▶ Offices ▶ Flats ▶ FTTH

Mechanical parameters	IEC standard	1F transparent cable
Tensile Strength	IEC 794-1-E1	60N
Crush resistance	IEC 794 -1-E3	200N/100mm
Impact resistance	IEC 794 -1-E4	10 impacts, 22 Nm
Repeated bending	IEC 794-1-E6	6 [cycles(15xD)]
Torsion resistance	IEC 794-1-E7	5 cycles 180°, load 50N
Water penetration resistance	IEC 794-1-F5B	✓
Abrasion resistance	IEC 794-1-E2	✓
Temperature cycling test	IEC 794-1-F1	2 thermal cycles in the range of -40°C+70°C

Table 1. Mechanical parameters of fiber optic transparent FTTH TELCOLINE cable 1F, G.657B3