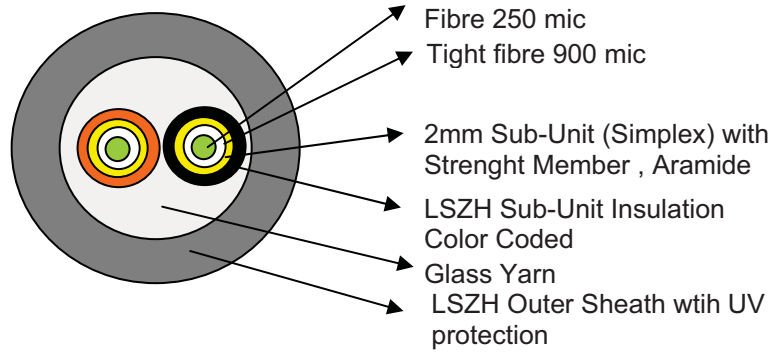




# INDOOR/OUTDOOR FTTX CABLE

## TWIN-EX 2x1 G.657.A2/B2



### OPTICAL FIBER CABLE SPECIFICATION

<b>Cable type</b>	<b>TWIN-EX 2x1 G.657.A2/B2 FTTX</b>
<b>Applications</b>	<ul style="list-style-type: none"> <li>• For indoor and outdoor</li> <li>• For direct connector assembly with strain relief</li> <li>• Rodent-protected, glass-armoured</li> <li>• Easy stripping</li> <li>• Low smoke, halogen free and self-extinguishing</li> <li>• Metal free</li> <li>• Improved crush resistance</li> <li>• For high thermal and mechanical stability</li> <li>• Suitable for UV protected outdoor use</li> <li>• Longitudinal and transversal watertight cable</li> </ul>

### Standards

IEC 61034 (*low Smoke, zero halogen*), IEC 60 332-3 (*flame retardant*), IEC 60754-2 (*FRNC*), DIN VDE0472 part 813 (*FRNC*)  
 ITU-T G.657.A2/B2 Low Bend (*Single Mode Fiber*), Cable According to IEC 60794-1-2  
 EN 187000:IEC 60794- 1&2, EN 188000:IEC 60793- 1&2 (*Generic cable specifications*)

### CABLE CHARACTERISTICS

Number of fibers (n)	2
Outer diameter	7,0 mm
Weight (kg/km)	<b>49 kg/km</b>
Minimum bending radius (mm)	According to ITU G.657-A2
Channel marking on single-fiber	Red +Black
Tensile strength (N)	2000N (IEC 60794-1-2 E1)
Crush resistance (N)	1000 N (IEC 60794-1-2 E3)
Operating temperature (°C)	-40°C to +70°C (IEC 60794-1-2 F1)

### Additional technical information

Standard continuous length	2000m ( <i>other shipping lengths are available upon request</i> )
Standard cable color	Black ( <i>other colors are available upon request</i> )
Standard cable marking	SAMM 2x1 Single mode Low Bend (G.657.A2/B2) FTTX Indoor/Outdoor F/O Cable Year xxx mt
Fiber specification and color codes	Fibers are in accordance with ITU-T Recommendations Color codes are in accordance with IEC or Telcordia