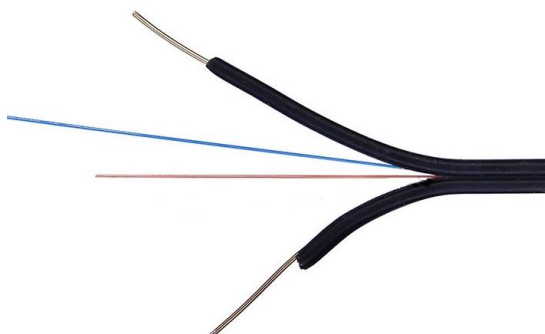


## Fiber cable FTTH

TT GJXH-2 .657A2 LSZH ECA BLACK / WHITE



High class FTTH fiber cables. Based on high quality **G.657A2 fiber**, which is dedicated to use indoors because of its ability to bend. Bending radius is 10mm (static) and 25 mm (dynamic). Each roll is controlled for quality and performance.

Cable was tested for CPR standard to be compliant w EU regulations. Eca class allows to use it in homes and offices.

There are two fiber in the middle of the cable and 2 steel wires on the sides. That makes this cable durable and easy to place in tight corners.

### Technical data

Parameter		Value
Fiber type		G.657A2
Mode field diameter at 1310um		8.6~9.5 ± 0.4 μm
Cladding diameter		125.0 ± 0.7 μm
Core concentricity error		≤ 0.5 μm
Cladding non-circularity		≤ 1.0 %
Coating diameter		245 ± 10 μm
Attenuation	@ 1310 nm	≤ 0.40 dB/km
	@ 1383 nm	≤ 0.40 dB/km
	@ 1550 nm	≤ 0.30 dB/km
Zero dispersion wavelength		1300nm~1324nm
Zero dispersion slope		≤ 0.092 ps/(nm <sup>2</sup> ·km)
Cable cut-off wavelength		≤ 1260 nm
Proof stress		≥ 0.69 Gpa
Polarization mode dispersion		≤ 0.2 ps/√km
Macrobend loss	Radius (mm)	15
	Number of turns	10
	Max.at 1550nm(dB)	0,25
	Max.at 1625nm(dB)	1,00
Fiber color code :		
Number	1	2
Color	Blue	Red

<b>Tensile properties</b>	<b>Units</b>	<b>Value</b>
Pulling Load (short time)	N	≤ 200
Pulling Load (long time)	N	≤ 100
Crush load (short time)	N/100mm	≤ 2200
Crush load (long time)	N/100mm	≤ 1000
Bend radius ( static )	mm	≥ 15
Bend radius ( Dynamic )	mm	≥ 30
<b>Environmental conditions</b>	<b>Units</b>	<b>Value</b>
Storage temperature range	°C	-20 to +70
Install the temperature range	°C	-0 to +70
Operating temperature range	°C	-20 to +70
<b>Other</b>	<b>Value</b>	
Length and packaging	1000m/Plywood Reel	
Plywood reel size	250×110×190mm	
Carton size	260×260×210mm	
Net weight	9 kg/km	
Gross weight	10.5 kg/Box	

*Parameters may be changed without prior notice.*