



Cable Construction						
- Number of fibers	12	24	36	48	60	72
- Number of loose tubes x Number of fibers per tube	1x12	2x12	3x12	4x12	5x12	6x12
- Central strength member	2,4 ± 0,05 mm FRP --- Water blocking yarn over the cent. str. member					
- Diameter						
- Material						
- CSM Oversheathing diameter						
- Water blocking material						
- Loose tube	PC+PBT 2,3 ± 3% mm Thixotropic jelly					
-Material						
-Diameter						
-Type of filling compound						
- Filler (if required)	PE					
-Material						
- Core wrapping	Waterswellable tape					
-Material						
- Inner Sheath	LDPE 1,0 mm (nominal)					
- Material						
- Thickness						
- Armor & rodent protection	Corrugated steel tape					
-Material						
Suspension strand	7x1,0 mm galvanized steel wire 6,0 ± 0,2 mm					
-Over sheathing diameter						
- Web dimension	H:2,8 ± 0,2 mm and W:2,5 ± 0,2 mm					
- Outer Sheath	HDPE 1,5 ± 0,2 mm					
- Material						
- Thickness						
- Cable diameter	14,0 x 23,0 mm ± 0,2					
- Cable weight (approx.)	280 kg/km					

- Physical characteristics		
Test	Test Standard	Specified Value
- Tensile Force - Long Term - Short Term	IEC 60794-1-2-E1	Max. 4000 N Max. 6000 N
- Impact	IEC 60794-1-2-E4	20 Nm
- Crush Resistance	IEC 60794-1-2-E3	Max. 3000 N/100 mm.
- Minimum bending radius - Static - Dynamic	IEC 60794-1-2-E11	R= 20 x D, 4 turns, 3 cycles R= 15 x D, 4 turns, 3 cycles
- Water penetration	IEC 60794-1-2-F5B	No water on free end of the cable
- Temperature cycling	IEC 60794-1-2-F1	-30 to + 70 °C

- Identification	
- Cable Marking	1m ±1% Intervals in white color with hot print.
- Identification of cable ¹	<AZERCELL> <number of fibers> F <fiber type> CENKABLO <year of manufacture> <length marking in meter>
- Internal Identification of cable	<AZERCELL> (in every 10 cm on transparent tape with ink-jet print)
- Color of filler ²	Black
- Color of loose tube ²	1.Blue, 2.Orange, 3.Green, 4.Brown, 5.Grey, 6.White
- Color of fibers ²	1.Blue, 2.Orange, 3.Green, 4.Brown, 5.Grey, 6.White, 7.Red, 8.Black, 9.Yellow, 10.Violet, 11.Pink, 12.Turquoise
- Color of inner sheath ²	Black
- Color of outer sheath ²	Black

¹ This inscription is standard imprint. It can be changed according to request.

² The other tube, fiber and sheath colors are optional.

- Delivery Information	
- Drum length/Tolerance ³	2000 m ± 5%
- Drum Flange diameter ³	1400 mm
- Drum core diameter ³	580 mm
- Outside width ³	780 mm
- Central hole diameter	85 mm

³ Drum dimensions can change depends on cable length on a drum. Standard delivery length is 2 km. Other delivery lengths are optional.

- Transmission characteristics
Refer to fiber data