



Cable Construction						
- Number of sub units (first/second layer)	4	6	8	12	12 (3/9)	24 (9/15)
- Central member	GRP		Jacketed GRP		GRP	Jacketed GRP
- Tight buffers	LSZH					
-Material	LSZH					
-Diameter	0,9 ± 0.05 mm					
- Sub units	2.0 mm					
- Diameter of sub units	High Modulus Aramid yarn					
- Strength member	LSZH					
- Sheathing material	LSZH FR					
- Outer sheath	LSZH FR					
- Material	LSZH FR					
- Thickness (nominal)	0,8 mm	1.0 mm				
- Cable diameter	6,9 mm ± 0,2	7,6 mm ± 0,2	9,4 mm ± 0,2	12,0 mm ± 0,2	10,3 mm ± 0,2	14,3 mm ± 0,2
- Cable weight	47 kg/km	68 kg/km	86 kg/km	134 kg/km	97 kg/km	183 kg/km

- Physical characteristics					
Fiber Count	Tensile force (N)	Bending radius (mm)	Temperature cycling		
	Short term / Long term	Loaded / Installed	Storage	Installation	Operation
4	700 / 200	104 / 70	-30° to + 70 °C	0° to + 60 °C	-10° to + 70 °C
6		115 / 76			
8		135 / 94			
24 (9/15)		215 / 143			
12	1000 / 300	180 / 120			
12 (3/9)	440 / 132	155 / 103			

- Transmission characteristics
Refer to the fiber data sheets