



- Not to scale-

Cable Construction							
- Number of tight buffered fibers	2	4	6	8	12	16	24
- Tight Buffers -Material -Diameter -Color of tight buffed fibers	LSZH $0,9 \pm 0,05$ mm 1. Blue 2.Orange 3.Green 4.Brown 5.Grey 6.White 7.Red 8. Black 9.Yellow 10.Violet 11.Pink 12.Turquoise 13. Blue/Black 14.Orange/Black 15.Green/Black 16.Brown/Black 17.Grey/Black 18.White/Black 19.Red/Black 20.White Black/Black 21.Yellow/Black 22.Violet/Black 23.Pink/Black 24.Turquoise/Black						
- Peripheral strength member - Material	High Modulus Aramid yarn						
- Outer Sheath - Material - Thickness - Color of outer sheath	LSZH $1,1 \pm 0,1$ mm Black						
- Cable diameter mm $\pm 0,2$	4,8	5,0	5,6	5,9	6,5	7,2	8,3
- Cable weight kg/km $\pm \% 10$	22	25	30	35	42	50	62

- Physical characteristics							
Test	Tensile Force						
- Tensile Force (Max.) 60794-1-2-E11 min. $\Delta dB \leq 0,05$ dB	460N	650 N	730 N	920 N	1150 N	1440 N	1440 N
- Bending Radius Long term/Short term	IEC 60794-1-2-E11		30XD / 15xD				
- Impact	IEC 60794-1-2-E4		15 Nm				
- Crush Resistance	IEC 60794-1-2-E3		Max. 2000 N/100 mm, 1 min. $\Delta dB \leq 0,05$ dB				
- Temperature cycling	IEC 60794-1-2-F1		Operation -20 to + 60 °C Installation -15 to + 60 °C Storage -20 to + 60 °C				

- Delivery Information							
- Drum length/Tolerance	1000 m \pm 5%						
- Drum Flange diameter	800 mm	800 mm	800 mm	800 mm	800 mm	850 mm	900 mm
- Drum core diameter	580 mm						
- Outside width	780 mm						
- Central hole diameter	85 mm						

- Transmission characteristics
-Refer to fiber data