



| Cable Construction | | | | | |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|
| - Number of tight buffered fibers | 4 | 6 | 8 | 12 | 24 |
| - Tight Buffers | LSZH 0,9 ± 0.05 mm 1. Blue 2. Orange 3. Green 4. Brown 5. Green 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. Green/Black 18. White/Black 19. Red/Black 20. Black/White 21. Yellow/Black 22. Violet/Black 23. Pink/Black 24. Turquoise/Black | | | | |
| - Material | | | | | |
| - Diameter | | | | | |
| - Color of tight buffed fibers | | | | | |
| - Peripheral strength member | High Modulus Aramid yarn | | | | |
| - Material | | | | | |
| - Outer Sheath | LSZH 1,0 ± 0,1 mm Yellow | | | | |
| - Material | | | | | |
| - Thickness | | | | | |
| - Color of outer sheath | | | | | |
| - Cable diameter | 5,0 mm ± 0,2 | 5,6 mm ± 0,2 | 6,0 mm ± 0,2 | 6,4 mm ± 0,2 | 8,2 mm ± 0,2 |
| - Cable weight (approx.) | 25 kg/km | 30 kg/km | 38 kg/km | 40 kg/km | 63 kg/km |

| - Physical characteristics | | | | | |
|-----------------------------------|------------------------|---------------------|---------------------|---------------|-----------------|
| Fiber Count | Tensile force (N) | Bending radius (mm) | Temperature cycling | | |
| | Short term / Long term | Loaded / Installed | Storage | Installation | Operation |
| 4 | 1000 / 300 | 100 / 50 | -30° to + 70 °C | 0° to + 60 °C | -10° to + 70 °C |
| 6 | | 112 / 56 | | | |
| 8 | | 120 / 60 | | | |
| 12 (3/9) | | 128 / 64 | | | |
| 24 (9/15) | | 164 / 82 | | | |

| - Transmission characteristics |
|---------------------------------------|
| Refer to the fiber data sheets |