

**TR Řípov - rek.R110kV, sek.tech., VS, PZTS**  
**Montážní tabulky pro ZL**  
**V502/503**

## Stringing Chart Report

Section #6 from structure #187 to structure #TR V503N, start set #7 'ZL', end set #7 ''

Cable 'O:\PROLinCZPHA\22129\_TR Řípov-rek\_R110KV\PLS\lana\184-all\_30-stla-30°C.wir', Ruling span (m) 48.0804

Sagging data: Catenary (m) 257.4, Horiz. Tension (N) 1886.74 Condition C Temperature (deg C) -5

Weather case for final after creep 80°C, Equivalent to 30.0 (deg C) temperature increase

Weather case for final after load 40°C, Equivalent to 0.1 (deg C) temperature increase

Results below for condition 'Initial FE'

Calculations done using actual span lengths and vertical projections

+ Span From +			+ Span To +			Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span	
Str. Set Ph.			Str. Set Ph.			Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical	
							Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection	
						(m)	-20 C	-15 C	-10 C	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	45 C	50 C	
						(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
187	7	1TR V503N	7	1	49.6	0.83	0.88	0.93	0.98	1.02	1.07	1.11	1.15	1.19	1.23	1.27	1.31	1.34	1.38	1.41	187	-12.46

+ Span From +	+ Span To +		Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Str. Set Ph.	Str. Set Ph.		Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
			-20 C	-15 C	-10 C	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	45 C	50 C		
			(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)		
187	7	1TR V503N	7	1	2800	2637	2498	2377	2268	2175	2091	2016	1948	1887	1830	1779	1731	1687	1646