

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

## Stringing Chart Report

Section #1 from structure #187 to structure #TR V502N, start set #8 'KZL', end set #8 ''  
 Cable 'O:\PROLinCZPHA\22129\_TR Řípov-rek\_R110KV\PLS\lana\118-A14\_37-A20SA', Ruling span (m) 48.4995  
 Sagging data: Catenary (m) 256, Horiz. Tension (N) 1587.2 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	Mid	Left	Span			
Str.	Set	Ph.	Str.	Set	Ph.	Length	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	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)		
187	8	1TR	V502N	8	1	50.0	0.88	0.92	0.97	1.01	1.06	1.10	1.14	1.18	1.22	1.26	1.29	1.33	1.36	1.40	1.43	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	8	1TR V502N	8	1	2279	2160	2057	1967	1884	1812	1747	1689	1636	1587	1543	1501	1463	1428	1395