

**TR Řípov - rek.R110kV, sek.tech., VS, PZTS**  
**Montážní tabulky pro ZL**  
**V516/5525**

## Stringing Chart Report

Section #5 from structure #1 to structure #V516N, start set #8 'ZL', end set #8 ''

Cable 'O:\PROLinCZPHA\22129\_TR Řípov-rek\_R110KV\PLS\lana\183\_AL1\_43\_ST1A\_30dC', Ruling span (m) 76.456

Sagging data: Catenary (m) 235, Horiz. Tension (N) 1959.66 Condition I Temperature (deg C) -5

Weather case for final after creep 80°C, Equivalent to 29.6 (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	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			
						-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)			
1	8	1	V516N	8	1	78.2	3.24	3.27	3.30	3.34	3.37	3.41	3.44	3.47	3.50	3.53	3.57	3.60	3.63	3.66	3.69	1	-16.96

+ Span From	+ + Span To		Horiz	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	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)	(N)	(N)	(N)
1	8	1	V516N	8	1	2021	2000	1979	1960	1938	1920	1901	1884	1867	1850	1834	1818	1802	1787	1773