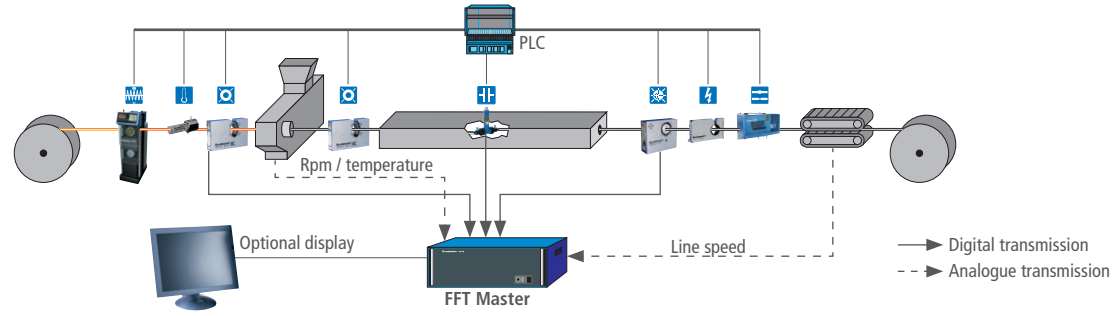




# FFT Master

New Generation of SRL Prediction for Cables up to 6.5 GHz

In-line monitoring of structural return loss during the extrusion of LAN (cat. 5, 6, 7), telephone and coax cables

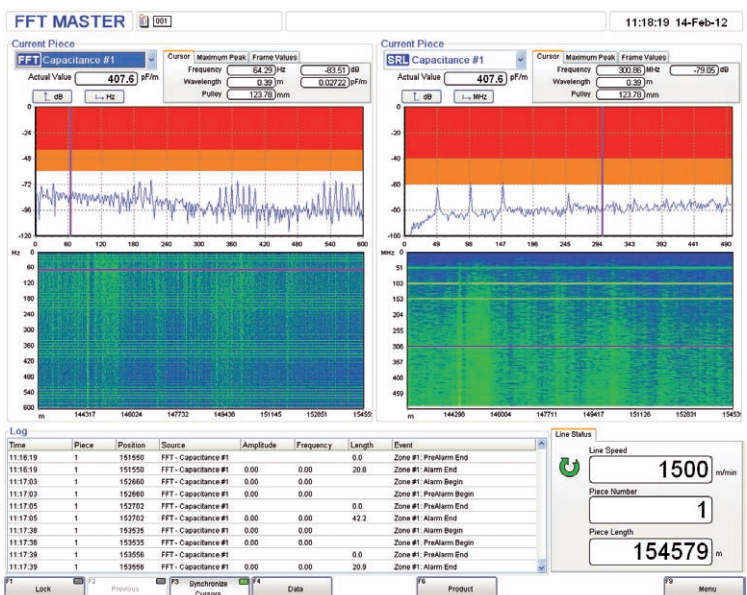


## Better transmission quality thanks to early detection of process problems.

Zumbach offers a new solution for in-line SRL prediction with the flexibility to adapt to your needs. Up to 8 parameters may be tied into the package to perform independent real-time SRL prediction and spectrum analysis on all parameters simultaneously!

- Data cables cat. 5-7 and others up to 1200 MHz at 2500 m/min.
- Coax, CATV cables up to 6.5 GHz at 500 m/min.
- Multiple parameters analysis of capacitance<sup>1)</sup> and diameter<sup>2)</sup> and others such as voltage, temperature etc. ... according your choice
- View FFT screen as amplitude-per-frequency or measurement-per-frequency
- Unique spectrograph display for the current production run
- Statistics of FFT and SRL data, including peak detection and alarms of values from most of Zumbach gauges

<sup>1)</sup> Ask about Zumbach's micro-focus CAPAC® capacitance measuring tubes for SRL applications.  
<sup>2)</sup> Request details on Zumbach's new, high-speed ODAC® diameter gauges, available as 1, 2 or 3 axes models.



Product: demo wire 2010

Characteristics | Set Points | Texts

FFT - Capacitance #1	SRL - Capacitance #1	FFT - Diameter #1	FFT - Diameter #2	FFT - Capacitance #2	SRL - Capacitance #2
Vel. of Propagation: 0.78000	Inner Diameter: 0.56 mm	Outer Diameter: 1.28 mm			
Cut Off: 1200 MHz	Max. Amplitude: 0.00 dB	KSRL: 1.00000			
Windowing: Hanning	Min. Amplitude: -100.00 dB	Frames to Average: 8			
Number of Zones: 2					
	Zone #1	Zone #2			
Min. Freq. (MHz)	0.00	600.00			
Max. Freq. (MHz)	600.00	1200.00			
Alarm (dB)	-60.00	-40.00			
PreAlarm (dB)	-80.00	-70.00			

Main data of capacitance measurement system CAPAC® HS  
 Measuring range: 0...300 pF/m or 0...600 pF/m  
 Output/Transmission: Digital  
 Measurement accuracy: +/- 0.2 pF/m

• Technical specifications are subject to change without notice