

# Measuring Cables

## UNITEST

### GENERAL

Brand Cimbria  
Model Unitest - Measuring cables

The Unitest system can be used in all types of grain storage facilities and can be installed in both new and existing installations. The temperature is constantly monitored by means of a number of sensors which are fitted in carrying cables specially designed for installation in harsh environments.

### Heavy Duty Cable

The Cimbria F213777 heavy duty cable has a maximum strength of 6100 kg. Allowable tensile load is (80%) 4900 kg.

The hanging cable is a heavy duty cable with cast-in steel wires and a smooth PVC outer sheet.

The cable is designed for hanging in grain silos of up to 60 meters height and flat stores.

Cables are connected to the read-out unit by cables using moisture resistant butt connectors.

### Technical specification

<b>Construction</b>	
Inner tube	Ø8.9/11.0 mm
Lay length	122 mm
Tensile strength	1570 N/mm <sup>2</sup>
Type of extrusion	Tube extrusion
Flexible tube (galvanized steel)	Type ISE
Reinforcement steel wire	Ø13.8-26 x 1.38 mm
Sheet HD-PE black	Ø16.2 +0.4/0.2 mm
<b>Mechanical characteristics</b>	
Breaking strength	61 kN
Nominal breaking strength	49 (80%) kN
Temperature rating	-50 to +100°C
Weight	Approximate 460 kg/Km

