

# Data Sheet 507

## Unitest Measuring Cables



### Heavy Duty Cable

The Cimbria UT16 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 Specifications

#### Construction

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

#### Mechanical characteristics

Breaking strength	: 61 kN
Nominal breaking strength	: 49 (80%) kN
Temperature rating	: -50 to +100° C
Weight	: Approximate 480 kg/Km

