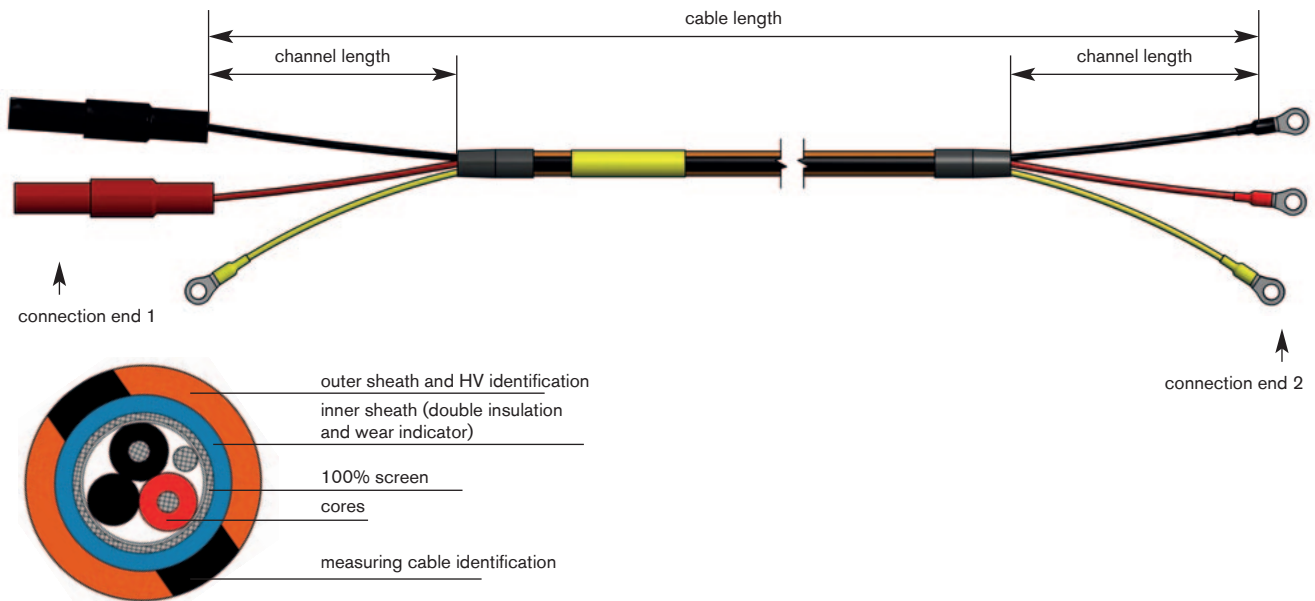


**HV measuring cable (DC)**  
for DC voltage measurement (as cable harness)



**Application range:**

Safe HV measurement of DC voltages

**Connectors:**

Safety lab plugs 1000 V, CAT III,  
red and black, 4 mm cable lug M4

**Connection end:**

Stripping length:	250 mm
Screen:	led out with filler and insulated with shrinkable sleeve
Temperature range of single core:	-55°C / +180°C

**Cable data:**

Connection cable:	HV measuring cable
Core insulation:	FEP – red and black
Stranding:	together with tinned copper drain wire, AWG 24
Screen:	100% screen with alu foil and braiding
Inner sheath:	PUR – blue acc. to RAL 5024
Outer sheath:	PUR
Sheath colour:	orange with black vertical stripes
Outer diameter:	see table on page 22
Scoop-proof:	1000 V DC over blue inner sheath
Operating voltage:	1800 V DC
Temperature range	
fixed laying:	-50°C / +125°C
flexible application:	-40°C / +125°C
short time use:	+150°C (up to 3000 h)

**CONFIGURATION EXAMPLE**

item no.	connection cable length [mm]	single channel length [mm]		
		channel 1	channel 2	safety lab plugs + M4 cable lugs
T645-062-912	6500	250	250	

Total cable and channel lengths can be realised on customer's request.

**SAB identification:**

item number, batch number