

# GAMMAcast Cable FOR MOULD LEVEL MEASUREMENT

## Secure & reliable

Proven, screw-locked industrial stainless-steel plug.

## Durable

Two options for protective sleeve: standard and heavy duty.

## Robust & water resistant

IP67, designed for harsh operating conditions such as high temperatures, vibration, shock, and water. Maximum robustness against mechanical stress.

## Universal

Compatible with all GAMMAcast detectors.

## Flexible

Available in four different lengths and with straight or angled connector.



■ QUALITY  
MADE IN  
GERMANY

BERTHOLD

# TECHNICAL DATA & FACTS

## GAMMAcast cable

### Complete cable assembly

Application	Mould level
Temperature range	-20 to +125 °C operation -20 to + 70 °C storage
IP protection	IP67
Length	Available in 5, 10 15, and 20 meters
Detector connection	Standard GAMMAcast female connector – straight or angled
Junction box connection	Open ends or industrial connector

### Protective hose

	<b>Red cable</b>	<b>Black cable</b>
Length	5 m or according to cable length	5 m or according to cable length
Material	Silicone coated fiberglass	Galvanized steel core with plastic sheath
Robustness	Handles splashes of liquid steel and iron	Additional mechanical robustness in comparison to red hose
Temperature range	-55 to +260 °C operation +1090 °C for 20 minutes +1640 °C for 15 – 30 seconds	-60 to +150 °C for black plastic sheath; melting temperature of galvanized steel core: 1400 °C

### Electrical cable

Length	Available in 5, 10, 15, and 20 meters
Material	Silicone coated
Diameter	13 mm
Temperature range	-25 to +180 °C operation
Minimum bend radius	~130 mm dynamic installation ~ 80 mm static installation

### GAMMAcast connector

Material	Stainless steel
Temperature range	-20 to +125 °C operation
Variants	Straight or angled

### Special Features

- Strain relief spring
- Stainless-steel screw connection on detector side
- Backward compatible with existing detectors and junction boxes
- Developed in cooperation with our customers