MIC Series Composite Cables

www.boschsecurity.com

BOSCH
Invented for life

- High-quality, sun-resistant jacket
- Multiple cable lengths
- Factory-prepared ends

MIC Series composite cables provide all power, video, and telemetry connections between a MIC Series camera and a MIC Series power supply unit in a single shielded cable.
These high-quality cables are specifically designed to maximize flexibility while maintaining properties such as strength and elongation. Each cable is fitted at one end with an IP67-sleeved female connecter which connects to, and shields, the male connecter in the base of the camera. This provides a reliable, easy-to-install, common connection for all MIC Series cameras. The other end of the cable has individual /free (non-terminated) wires for quick installation into terminals in the MIC power supply unit, for connection to the relevant control equipment and power source.
The cable shield connects to a metal cable gland to ensure minimum EMC interference. The outer jacket of the cable is UV-resistant. For maximum protection, Bosch recommends that the cable be contained in permanently earthed metal conduit.

Technical specifications

12-pin cable (for all MIC cameras except current thermal cameras)

Cable Lengths *	2 m (6.56 ft) 10 m (32.81 ft) 20 m (62.62 ft) 25 m (82.02 ft)
Cable diameter	8 mm (0.30 in.)
Cable weight	2m: 0.3kg (0.66 lb) 10m: 0.5kg (1.10 lb) 20m: 0.95kg (2.09 lb) 25m: 3.3kg (7.28 lb)
Video Cable Impedance	75 Ohm
Connecter diameter	25 mm (0.98 in.)
Connecter	IP67, 12-pin female sleeved
Temperature range, operational	-40 °C to +80 °C (-40 °F to +176 °F)
Temperature range, storage	-55 °C to +85 °C (-67 °F to +185 °F)
Jacket material	NHFR037

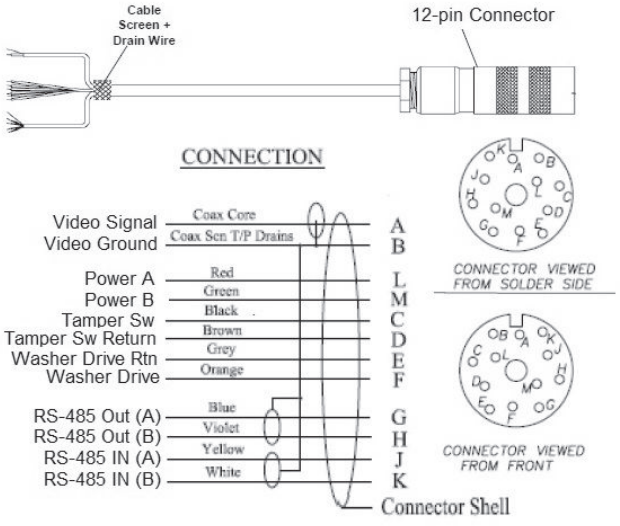
Environmental regulations/standards	UL-recognized component AWM Style 21456 VW-1 rating (UL 1581 section 1080) Sunlight resistance testing (UL 1581 section 1200)
Compatibility	MIC550 / MIC550IR MIC500 MIC440 MIC400 MIC412

14-pin cable (for current thermal cameras)

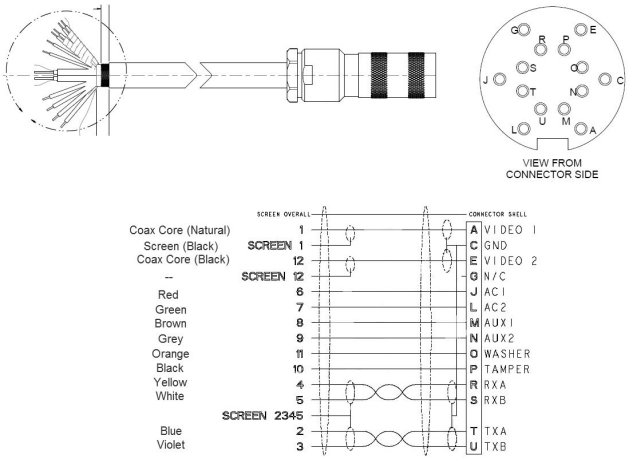
Cable Lengths *	2 m (6.56 ft) 10 m (32.81 ft) 20 m (62.62 ft) 25 m (82.02 ft)
Cable diameter	10 mm (±0.20 mm) [0.39 in. (±0.008 in.)]
Video Cable Impedance	75 Ohm
Connecter	IP67, 14-pin female sleeved
Temperature range, operational	-40 °C to +80 °C (-40 °F to +176 °F)
Jacket material	NHFR037
Environmental regulations/standards	UL-recognized component AWM Style 21456 VW-1 rating (UL 1581 section 1080) Sunlight resistance testing (UL 1581 section 1200)
Compatibility	MIC612

* For distances greater than 25 m (82.02 ft) between the MIC camera and the power supply, please refer to the MIC PSU Extension document found on the product page of your MIC camera, in the online catalog at boschsecurity.com.

Cable Diagram



MIC Cable – 12-pin (for all MIC cameras except current thermal cameras)



MIC Cable – 14-pin (for current MIC thermal cameras)

Ordering information

MIC Cable 2M
2 meter (6.56 ft) composite cable with plug for power, data and video for MIC Series cameras
Order number **MIC-CABLE-2M**

MIC Cable 10M
10 meter (32.81 ft) composite cable with plug for power, data and video for MIC Series cameras
Order number **MIC-CABLE-10M**

MIC Cable 20M
20 meter (62.62 ft) composite cable with plug for power, data and video for MIC Series cameras
Order number **MIC-CABLE-20M**

MIC Cable 25M
25 meter (82.02 ft) composite cable with plug for power, data and video for MIC Series cameras
Order number **MIC-CABLE-25M**

MIC Thermal Cable 2M
2 meter (6.56 ft) composite cable with plug for power, data and video for MIC Series thermal cameras
Order number **MIC-THERCBL-2M**

MIC Thermal Cable 10M
10 meter (32.81 ft) composite cable with plug for power, data and video for MIC Series thermal cameras
Order number **MIC-THERCBL-10M**

MIC Thermal Cable 20M
20 meter (62.62 ft) composite cable with plug for power, data and video for MIC Series thermal cameras
Order number **MIC-THERCBL-20M**

MIC Thermal Cable 25M
25 meter (82.02 ft) composite cable with plug for power, data and video for MIC Series thermal cameras
Order number **MIC-THERCBL-25M**

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