



OBZERV

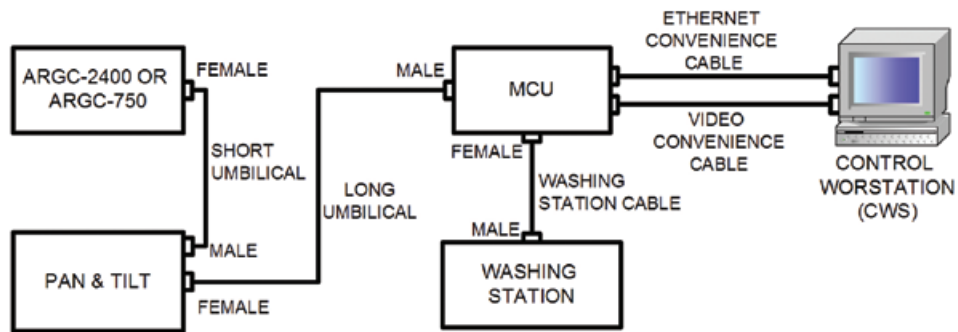
Ultimate Night Vision Technology



Cables Specifications

There are a number of cables necessary for all components to communicate properly. They all use industry standards, with high-quality connectors, and genders for fool-proof matching. Names and connector genders are illustrated in figure below. A detailed schematic is in the Ordering Information section.

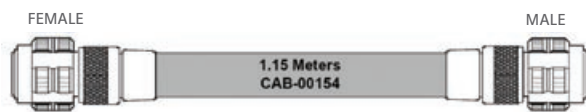
ARGC SYSTEM CABLES OVERVIEW



ARGC-2400 CABLES

ARGC-2400 SHORT UMBILICAL CABLE

The grey umbilical cable, linking the ARGC-2400 camera to the pan & tilt, is the shorter one. Its length fits exactly between the ARGC-2400 and the pan & tilt, to let the camera move freely.

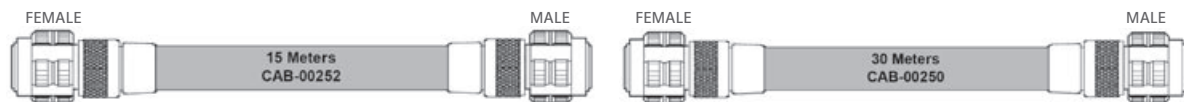


DESCRIPTION	PARAMETER	DIMENSION
CONNECTORS	Diameter	36.5 mm (1.44 inches)
CABLE	Diameter	17.5 mm (0.69 inches)
PART NUMBER	CAB-00154	1.15 m (3.77 feet)

ARGC-2400 LONG UMBILICAL CABLES

The black umbilical cable links the power supply unit to the pan & tilt, it is the longest. Combinations of cables (ex. 30 m + 30 m + 15 m), with the proper adapter, can sum up to 75 meters. An adapter between cables was built for sturdy match and no signal loss. All possibilities are illustrated in detailed schematic in the Ordering Information section.

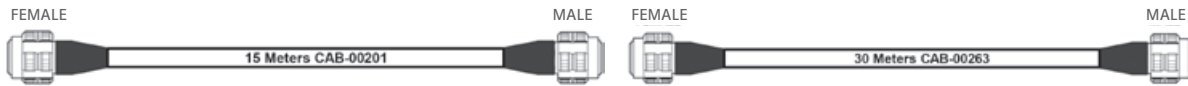
Note for the installation procedure that this cable is not very flexible, so it cannot be bent a lot or rolled in a restrained area. Therefore make sure, before sealing up, that the female end of the cable is on the pan and tilt's side.



DESCRIPTION	PARAMETER	DIMENSION
CONNECTORS	Diameter	36.5 mm (1.44 inches)
CABLE	Diameter	17.5 mm (0.69 inches)
PART NUMBER	CAB-00252	15 m (49.2 feet)
	CAB-00250	30 m (98.4 feet)
	ELC-00513	cable junction
POSSIBLE COMBINATIONS	CAB-00252 + ELC-00513 + CAB-00250	45 meters
	CAB-00250 + ELC-00513 + CAB-00250	60 meters
	CAB-00252 + ELC-00513 + CAB-00250 + ELC-00513 + CAB-00250	75 meters

WASHING STATION CABLES

This cable links the washing station's pump to the MCU in order to control the pump. When the operator hits the software button to wash the camera, the Control Workstation sends the command to the MCU, which in turn sends a control signal to start the pump, which will push a water stream to the nozzle near the camera.



DESCRIPTION	PARAMETER	DIMENSION
CONNECTORS	Diameter	28.2 mm (1.11 inches)
CABLE	Diameter	9 mm (0.35 inches)
PART NUMBER	CAB-00201	15 m (49.2 feet)
	CAB-00263	30 m (98.4 feet)

VIDEO CONVENIENCE CABLE

To use the ARGC system's frame grabber, connect this cable between the Control Workstation and Output 4 of the video connectors on the Master Control Unit.



DESCRIPTION	PARAMETER
PART NUMBER	CAB-00264
LENGTH	183 cm (6 feet)
CONNECTOR	BNC
CABLE TYPE	RG-59

ETHERNET CONVENIENCE CABLE

The Ethernet cable between the MCU and the Control Workstation can be straight or cross-linked.



DESCRIPTION	PARAMETER
PART NUMBER	CAB-00265
LENGTH	183 cm (6 feet)
CONNECTOR	RJ45
CABLE TYPE	CAT5

MCU POWER CABLES

Three types of power cables are currently available for the MCU, but it is subject to changes and if you do not see your type of cable in this list, please call Obzerv to see if we can make cables for your country.



NORTH AMERICAN:
CAB-00214



UK: CAB-00267



EUROPE: CAB-00254



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