

UCM MULTICORE CABLE

The UCM IP multicore cable is suitable for installations in marine and harsh environments.

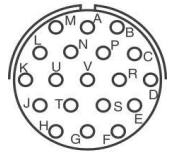
The cable offers a mix of Cat5e, twin RG59 and various auxiliary cores (power, RS485, I/O's) which make this cable ideal for most analogue and IP camera installations where dual video and thermal channels are required.

The cable is available as a cable assembly for the Silent Sentinel Oculus, Aeron and Osiris platforms with lengths between 3 and 25m available. The UCM cable is also available as a field cable with lengths as required.

PIN	FUNCTION*	TYPE*	CONDUCTOR	EQUIVALENT
A	Power Positive	Power 5A	Red	
B	Power Negative	Power 5A	Black	
C	CVBS 1 Sig	Video	Coax 1 Core	
D	CVBS 1 Gnd	Video	Coax 1 Screen	
E	Aux 1	Power 1A	Orange	
F	Aux 2	Power 1A	White	
G	Telemetry A	RS-485 (+)	Yellow (opt. Green)	
H	Telemetry B	RS-485 (-)	Blue	
J	Earth	Power 5A	Green/Yellow	
K	CVBS 2 Signal	Video	Coax 2 Core	
L	CVBS 2 Ground	Video	Coax 2 Screen	
M	Eth2 TX D2-	Ethernet	Cat5 Brown	Green
N	Eth2 TX D2+	Ethernet	Cat5 White/Brown	White/Green
P	Eth1 RX D2-	Ethernet	Cat5 Green	
R	Eth1 RX D2+	Ethernet	Cat5 White/Green	
S	Eth2 TX D1+	Ethernet	Cat5 Blue	White/Orange
T	Eth1 TX D1-	Ethernet	Cat5 Orange	
U	Eth1 TX D1+	Ethernet	Cat5 White/Orange	
V	Eth2 TX D	Ethernet	Cat5 White/Blue	Orange

* Subject to connected device

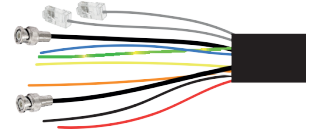
Connector Rear View



Connector (Pre-Terminated)



Connector (Not Pre Terminated) (Dressed)



TECHNICAL SPECIFICATION

Length	XX Metres as-per part code (between 3-25m)
Connector	Souriau UTS6JC14E19S, Circular, 19 way, female contact
Jacket	PUR
Outer Diameter	14.5mm
MDR (Minimum Bend Radius)	108mm
Pre-Terminated	Includes 1x connector at <u>both</u> ends of the cable (for the camera and PSU connections)
Compliance	RoHS, REACH and UL listed where applicable
IP rating	IP68
Part Number	CA-UCM-PT-XX

OPTIONAL

Not Pre-Terminated	Includes 1x connector at the camera end of the cable only
Part Number	CA-UCM-XX

TYPICAL CABLE ASSEMBLIES

Illustration of a CA-UCM-XX-PT Pre-Terminated Cable

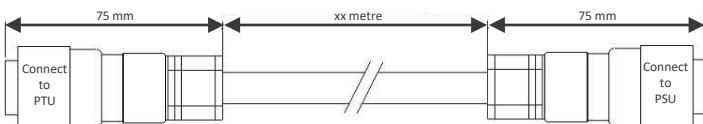
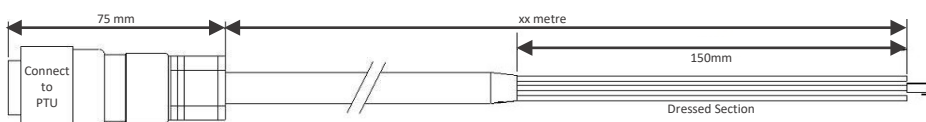


Illustration of a CA-UCM-XX Not Pre-Terminated Cable (Dressed)



Specifications may be subject to change without notice
03/11/2023 V4.1