JCM MULTICORE CABLE

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

The cable offers a mix of twin 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 tail for the Silent Sentinel Jaegar IP platform solutions with lengths between 3 and 25m available. The JCM cable is also available as a field cable with lengths as required.

PIN	FUNCTION*	TYPE*	CONDUCTOR
1	Ethernet B1 (D-)	Ethernet Bundle (Blue)	Cat5e Brown
2	Ethernet B2 (D+)	Ethernet Bundle (Blue)	Cat5e White/Brown
3	Ethernet B3 Rx- (B-)	Ethernet Bundle (Blue)	Cat5e Green
4	Ethernet B4 Rx+ (B+)	Ethernet Bundle (Blue)	Cat5e White/Green
5	Ethernet B5 (C+)	Ethernet Bundle (Blue)	Cat5e Blue
6	Ethernet B6 (C-)	Ethernet Bundle (Blue)	Cat5e White/Blue
7	Ethernet B7 Tx- (A-)	Ethernet Bundle (Blue)	Cat5e Orange
8	Ethernet B8 Tx+ (A+)	Ethernet Bundle (Blue)	Cat5e White/Orange
9	Telemetry (+)	RS-485	Yellow
10	Telemetry (-)	RS-485	Blue
11	Earth / Chassis	Earth	Green/Yellow Stripe
12	Ethernet A1 (R-)	Ethernet Bundle (Grey)	Cat5e Brown
13	Ethernet A2 (R+)	Ethernet Bundle (Grey)	Cat5e White/Brown
14	Ethernet A3 Rx- ( )	Ethernet Bundle (Grey)	Cat5e Green
15	Ethernet A4 Rx+ ( )	Ethernet Bundle (Grey)	Cat5e White/Green
16	Ethernet A5 (T+)	Ethernet Bundle (Grey)	Cat5e Blue
17	Ethernet A6 (T-)	Ethernet Bundle (Grey)	Cat5e White/Blue
18	Ethernet A7 Tx- ( )	Ethernet Bundle (Grey)	Cat5e Orange
19	Ethernet A8 Tx+ ( )	Ethernet Bundle (Grey)	Cat5e White/Orange
20	Video 1 (Coax Contact)	CVBS	Coax 1 (Black)
21	Auxiliary Power DC	Power DC	Orange
22	Power DC (Through)	Power DC 2.5mm CSA	Brown
23	Power DC (Through)	Power DC 2.5mm CSA	Blue
24	Auxiliary Power DC	Power DC	White
25	Video 2 (Coax Contact)	CVBS	Coax 2 ( )
26	Power Positive (PTZ) DC	Power DC	Red
27	Power Negative (PTZ) DC	Power DC	Black

* Subject to connected device

Connector Rear View
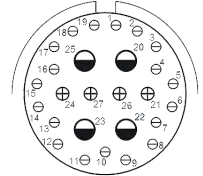
Connector (Pre-Terminated)

Connector (Not Pre Terminated) (Dressed)
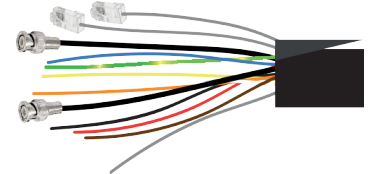
TECHNICAL SPECIFICATION

Length	XX Metres as-per part code (between 3-25m)
Connector	Amphenol TV06ZN-21-29SN (angle back shell for camera end), Circular, 27 way, female contact
Jacket	PUR
Outer Diameter	17mm
MDR (Minimum Bend Radius)	125mm
Pre-Terminated	Includes 1x connector at both ends of the cable (for the camera and PSU connections)
Compliance	RoHS, REACH and UL listed where applicable
IP rating	IP67
Part Number	CA-JCM-PT-XX

OPTIONAL

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

TYPICAL CABLE ASSEMBLIES

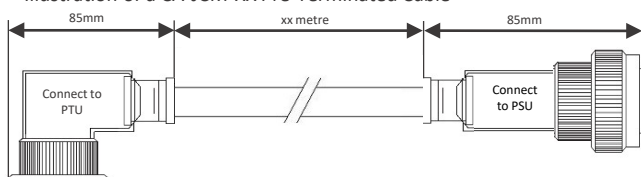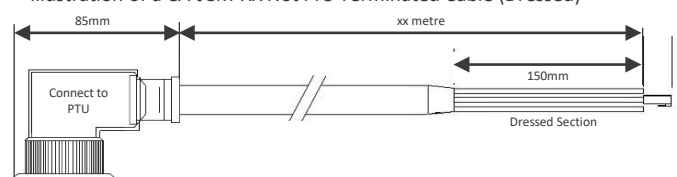Illustration of a CA-JCM-XX Pre-Terminated Cable

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

Specifications may be subject to change without notice
03/11/23 V4.1