

CMS-CMA

ARMOURED AND UNARMOURED MULTI-POLAR CABLES SOLD BY THE METRE



DESCRIPTION

Armoured and unarmoured multi-polar cables, in black or blue, for Pan & Tilt and housings.
They are suitable for use in hostile environments.

MAIN FEATURES

Prepared for Ethernet, video, I/O and telemetry connections
Resistant to oil, flames and ultra-violet rays
Available in an armoured and unarmoured version
Available in black or blue
Designed for potentially explosive zones

TECHNICAL DATA

CMSN2200

GENERAL

Unarmoured black cable: 2 Ethernet cables, 3 power supply conductors, 2 coaxial video cables, 15 alarm conductors, relay and telemetry

MECHANICAL

Unarmoured cable

External diameter: 18.6mm (0.73in) \pm 0.35mm

Minimum bending radius: 186mm

Colour: Black (RAL9005)

ELECTRICAL

Power supply

- Number of conductors (electrical): 3
- Section: 1.5mm² (15AWG)
- Working voltage: 300V max

NETWORK

Ethernet: 2 cables, Category 5E, shielded cables

VIDEO

2 coaxial cables, RG179

I/O INTERFACE

Alarms, relay and telemetry

- Number of conductors (electrical): 15
- Section: 0.34mm² (22AWG)

ENVIRONMENT

Temperature: from -40°C (-40°F) up to +85°C (+185°F)

Type of laying: fixed installation

Oil resistant (complies with CNOMO E.03.40.150N, ASTM n.2, IRM 902, IEC60811-2-1)

UV resistant (complies with UL1581)

Flame resistant (complies with IEC/EN 60332-1)

CERTIFICATIONS

UL Style 20233

COMPLIANCE

IEC/EN 60079-14 (ATEX Ex II)

PART NUMBER

CMSN2200 Unarmoured black cable

CMSB2200

GENERAL

Unarmoured blue cable: 2 Ethernet cables, 3 power supply conductors, 2 coaxial video cables, 15 alarm conductors, relay and telemetry

MECHANICAL

Unarmoured cable

External diameter: 18.6mm (0.73in) \pm 0.35mm

Minimum bending radius: 186mm

Colour: Blue (RAL5015)

ELECTRICAL

Power supply

- Number of conductors (electrical): 3
- Section: 1.5mm² (15AWG)
- Working voltage: 300V max

NETWORK

Ethernet: 2 cables, Category 5E, shielded cables

VIDEO

2 coaxial cables, RG179

I/O INTERFACE

Alarms, relay and telemetry

- Number of conductors (electrical): 15
- Section: 0.34mm² (22AWG)

ENVIRONMENT

Temperature: from -40°C (-40°F) up to +85°C (+185°F)

Type of laying: fixed installation

Oil resistant (complies with CNOMO E.03.40.150N, ASTM n.2, IRM 902, IEC60811-2-1)

UV resistant (complies with UL1581)

Flame resistant (complies with IEC/EN 60332-1)

CERTIFICATIONS

UL Style 20233

COMPLIANCE

IEC/EN 60079-14 (ATEX Ex II)

PART NUMBER

CMSB2200 Unarmoured blue cable

CMAN1200

GENERAL

Armoured black cable: 1 Ethernet cable, 3 power supply conductors, 1 coaxial video cable, 7 alarm conductors, relay and telemetry

MECHANICAL

Armoured cable

External diameter: 20.0mm (0.78in) ± 0.5mm (0.02in)

Diameter under armature: 15.2mm (0.6in)

Minimum bending radius: 220mm

Colour: Black (RAL9005)

ELECTRICAL

Power supply

- Number of conductors (electrical): 3
- Section: 2.5mm² (13AWG)
- Working voltage: 300V max

NETWORK

Ethernet: 1 cable, Category 5E, shielded cable

VIDEO

1 coaxial cable, RG179

I/O INTERFACE

Alarms, relay and telemetry

- Number of conductors (electrical): 7
- Section: 0.34mm² (22AWG)

ENVIRONMENT

Temperature: from -60°C (-76°F) up to +105°C (+221°F)

Type of laying: fixed installation

Oil resistant (complies with CNOMO E.03.40.150N, ASTM n.2, IRM 902, VDE 0472 p.803 test B)

UV resistant (complies with IEC 60068-2-5)

Flame resistant (complies with IEC/EN 60332-1, IEC/EN 60332-3-22)

COMPLIANCE

IEC/EN 60079-14 (ATEX Ex II)

PART NUMBER

CMAN1200 Armoured black cable

CMAB1200

GENERAL

Armoured blue cable: 1 Ethernet cable, 3 power supply conductors, 1 coaxial video cable, 7 alarm conductors, relay and telemetry

MECHANICAL

Armoured cable

External diameter: 18.0mm (0,7in) ± 0.5mm (0.02in)

Diameter under armature: 13.35mm (0.53in)

Minimum bending radius: 230mm (9.0in)

Colour: Blue (RAL5015)

ELECTRICAL

Power supply

- Number of conductors (electrical): 3
- Section: 1.5mm² (15AWG)
- Working voltage: 300V max

NETWORK

Ethernet: 1 cable, Category 5E, shielded cable

VIDEO

1 coaxial cable, RG179

I/O INTERFACE

Alarms, relay and telemetry

- Number of conductors (electrical): 7
- Section: 0.34mm² (22AWG)

ENVIRONMENT

Temperature: from -60°C (-76°F) up to +105°C (+221°F)

Type of laying: fixed installation

Oil resistant (complies with CNOMO E.03.40.150N, ASTM n.2, IRM 902, VDE 0472 p.803 test B)

UV resistant (complies with IEC 60068-2-5)

Flame resistant (complies with IEC/EN 60332-1, IEC/EN 60332-3-22)

COMPLIANCE

IEC/EN 60079-14 (ATEX Ex II)

PART NUMBER

CMAB1200 Armoured blue cable

CMAN0400

GENERAL

Armoured black cable: 1 Ethernet cable, 3 power supply conductors

MECHANICAL

Armoured cable

External diameter: 18.6mm (0.73in) ± 0.2mm (0.008in)

Diameter under armature: 13.8mm (0.54in) ± 0.2mm (0.008in)

Minimum bending radius: 186mm

Colour: Black (RAL9005)

ELECTRICAL

Power supply

- Number of conductors (electrical): 3
- Section: 1mm² (17AWG)
- Working voltage: 300V max

NETWORK

Ethernet: 1 cable, Category 5E, shielded cable

ENVIRONMENT

Temperature: from -40°C (-40°F) up to +90°C (194°F)

Type of laying: fixed installation

Oil resistant (complies with VDE 0472/803B)

UV resistant (complies with IEC 60068-2-5)

Flame resistant (complies with IEC/EN 60332-1-2, IEC/EN 60332-3-22)

COMPLIANCE

IEC/EN 60079-14 (ATEX Ex II)

PART NUMBER

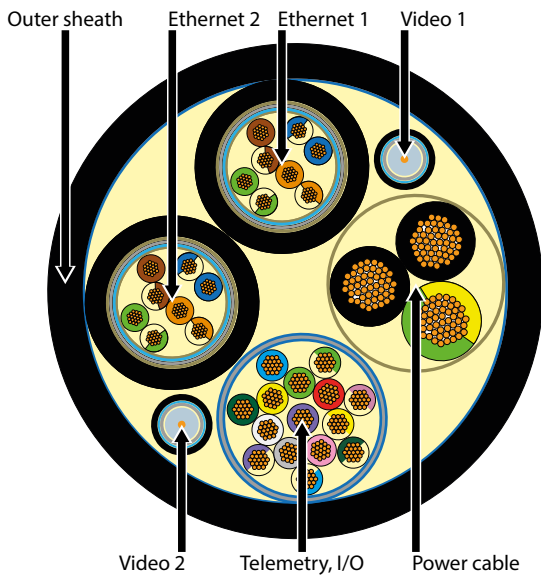
CMAN0400 Armoured black cable

COMPATIBILITY MULTI-POLAR CABLES/PRODUCTS

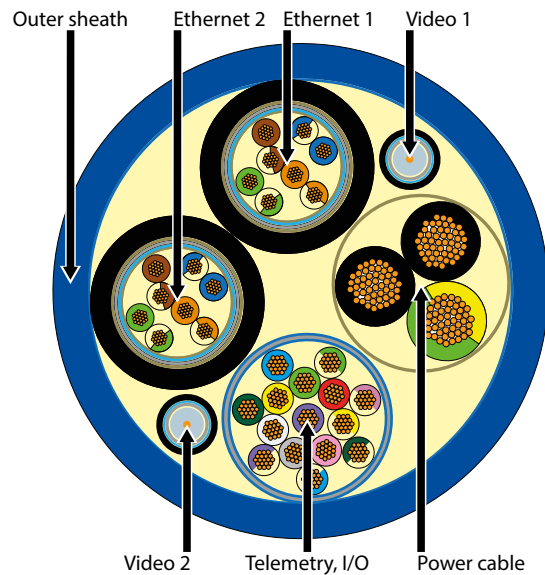
Model Number	MAXIMUS MPX	MAXIMUS MPXT	MAXIMUS MPXHD	MAXIMUS MHX	MAXIMUS MHXT	MAXIMUS MMX	MAXIMUS MVX	MAXIMUS MVXT	MAXIMUS MVXHD	NXPTZ	NXPTZT	NXPTZHD
CMSN2200	✓	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓
CMSB2200	✓	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓
CMAN1200	✓ ¹	–	✓	✓ ¹	✓	–	✓	✓	✓	✓ ¹	–	✓ ¹
CMAB1200	✓ ¹	–	✓	✓ ¹	✓	–	✓	✓	✓	✓ ¹	–	✓ ¹
CMAN0400	–	–	–	–	–	✓	–	–	–	–	–	–

¹ Not all functions are available

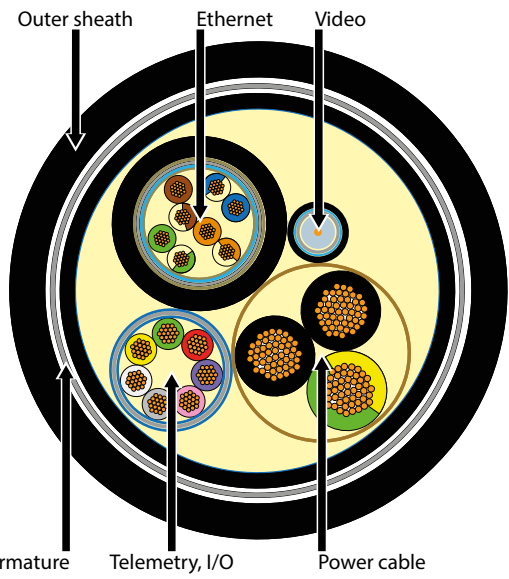
TECHNICAL DRAWINGS



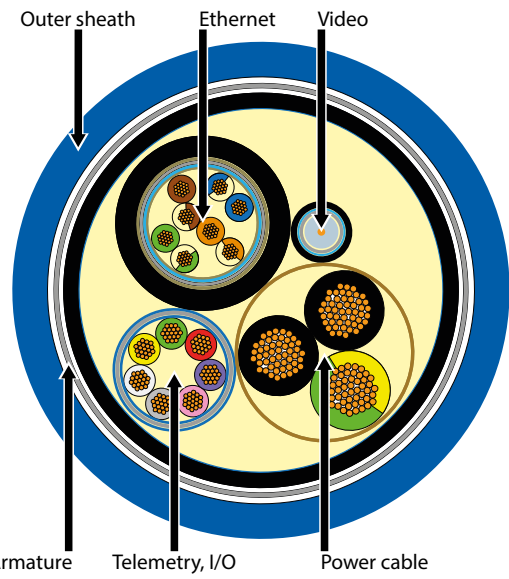
VIEW OF CMSN2200 CABLE SECTION



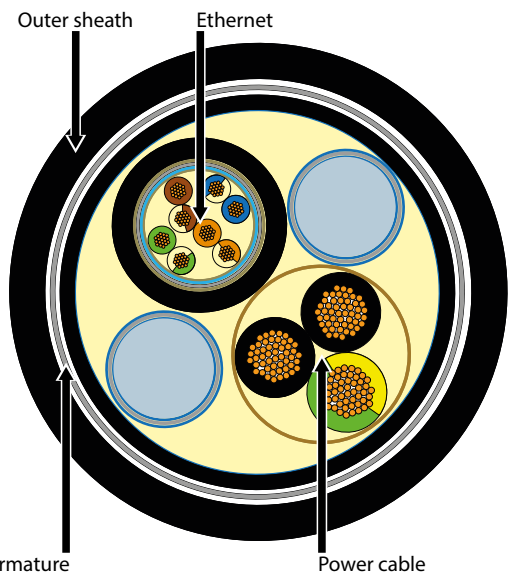
VIEW OF CMSB2200 CABLE SECTION



VIEW OF CMAN1200 CABLE SECTION



VIEW OF CMAB1200 CABLE SECTION



VIEW OF CMAN0400 CABLE SECTION