CMS-CMA

ARMOURED AND UNARMOURED MULTIPOLAR CABLES SOLD BY THE METRE

VIDEOTEC

CMS-CMA

DESCRIPTION

Armoured and unarmoured multipolar 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 shielded signal cables

MECHANICAL

Unarmoured cable

External diameter: 18.6mm (0.73in) $\pm$ 0.35mm (0.01in)

Minimum bending radius: 186mm (7.3in)

Colour: Black (RAL9005)

Type of laying: fixed installation

ELECTRICAL

Power supply
- Number of conductors: 3
- Section: 1.5mm^2 (15AWG)
- Working voltage: 300V max

NETWORK

Ethernet cable
- Number of cables: 2
- Category: 5e
- Shielded cables

VIDEO

2 coaxial cables, RG179

SIGNAL CABLES

Alarms, relay and telemetry
- Number of conductors: 15
- Section: 0.34mm^2 (22AWG)

ENVIRONMENT

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

CERTIFICATIONS

UL Style 20233

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

UV resistant: complies with UL1581

Flame retardant: complies with IEC/EN60332-1

IEC/EN 60079-14 (ATEX Ex II)

RoHS (CE): complies with 2015/863/EU

PART NUMBER

CMSN2200   Unarmoured black cable

CMSB2200

GENERAL

Unarmoured blue cable: 2 Ethernet cables, 3 power supply conductors, 2 coaxial video cables, 15 shielded signal cables

MECHANICAL

Unarmoured cable

External diameter: 18.6mm (0.73in) $\pm$ 0.35mm (0.01in)

Minimum bending radius: 186mm (7.3in)

Colour: Blue (RAL5015)

Type of laying: fixed installation

ELECTRICAL

Power supply
- Number of conductors: 3
- Section: 1.5mm^2 (15AWG)
- Working voltage: 300V max

NETWORK

Ethernet cable
- Number of cables: 2
- Category: 5e
- Shielded cables

VIDEO

2 coaxial cables, RG179

SIGNAL CABLES

Alarms, relay and telemetry
- Number of conductors: 15
- Section: 0.34mm^2 (22AWG)

ENVIRONMENT

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

CERTIFICATIONS

UL Style 20233

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

UV resistant: complies with UL1581

Flame retardant: complies with IEC/EN60332-1

IEC/EN 60079-14 (ATEX Ex II)

RoHS (CE): complies with 2015/863/EU

PART NUMBER

CMSB2200   Unarmoured blue cable

CMAN1200

GENERAL
Armoured black cable: 1 Ethernet cable, 3 power supply conductors, 1 coaxial video cable, 7 shielded signal cables

MECHANICAL
Armoured cable

External diameter: 20.0mm (0.78in) $\pm$ 0.5mm (0.02in)

Diameter under armature: 15.2mm (0.6in)

Minimum bending radius: 220mm (8.6in)

Colour: Black (RAL9005)

Type of laying: fixed installation

ELECTRICAL
Power supply
- Number of conductors: 3
- Section: 2.5mm^2 (13AWG)
- Working voltage: 300V max

NETWORK
Ethernet cable
- Number of cables: 1
- Category: 5e
- Shielded cable

VIDEO
1 coaxial cable, RG179

SIGNAL CABLES
Alarms, relay and telemetry
- Number of conductors: 7
- Section: 0.34mm^2 (22AWG)

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

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

UV resistant: complies with IEC60068-2-5

Flame retardant: complies with IEC/EN60332-1, IEC/EN60332-3-22

IEC/EN 60079-14 (ATEX Ex II)

Halogen free: EN50267-2-1

RoHS (CE): complies with 2015/863/EU

PART NUMBER
CMAN1200   Armoured black cable

CMAN0401

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

MECHANICAL
Armoured cable

External diameter: 16.8mm (0.66in) $\pm$ 0.4mm (0.016in)

Diameter under armature: 12.4mm (0.5in) $\pm$ 0.3mm (0.012in)

Minimum bending radius: 168mm (6.6in)

Colour: Black (RAL9005)

Type of laying: fixed installation

ELECTRICAL
Power supply
- Number of conductors: 3
- Section: 1.5mm^2 (15AWG)
- Working voltage: 300V max

NETWORK
Ethernet cable
- Number of cables: 1
- Section: 4x2x0.22mm^2 (24AWG)
- Category: 5e
- Shielding: SF/UTP

ENVIRONMENT
Temperature: from -40°C (-40°F) up to +105°C (+221°F)

CERTIFICATIONS
Electrical safety (CE): EN60950-1

Oil resistant: complies with CNOMO E.03.40.150N, ASTM n.2, IRM 902, VDE 0472 p.803 test B, CEI 20-34

UV resistant: complies with IEC/EN60068-2-5

Flame retardant: complies with IEC/EN60332-1-2, IEC/EN60332-3-22

Fixed installation: complies with IEC/EN60079-14 (ATEX Ex II)

Halogen free: complies with EN50267-2, IEC/EN60754

RoHS (CE): complies with 2015/863/EU

PART NUMBER
CMAN0401   Armoured black cable

CMSN0400

GENERAL

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

MECHANICAL

External diameter: 13.6mm (0,5in) ± 0.2mm (0.008in)

External diameter, ETH cable: 6.6mm (0.3in)

Minimum bending radius: 136mm (5.3in)

Colour: Black (RAL9005)

Type of laying: fixed installation

ELECTRICAL

Power supply

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

NETWORK

Ethernet cable

- Number of cables: 1
- Section: 4x2x0.22mm² (24AWG)
- Category: 5e
- Shielding: SF/UTP

ENVIRONMENT

Temperature: from -40°C (-40°F) up to +105°C (+221°F)

CERTIFICATIONS

Halogen free: complies with EN 50267-2, IEC/EN 60754

LSZH

Oil resistant: complies with VDE 0472/803B, CEI 20-34, CNOMO E.03.40.150N, ASTM n.2, IRM 902
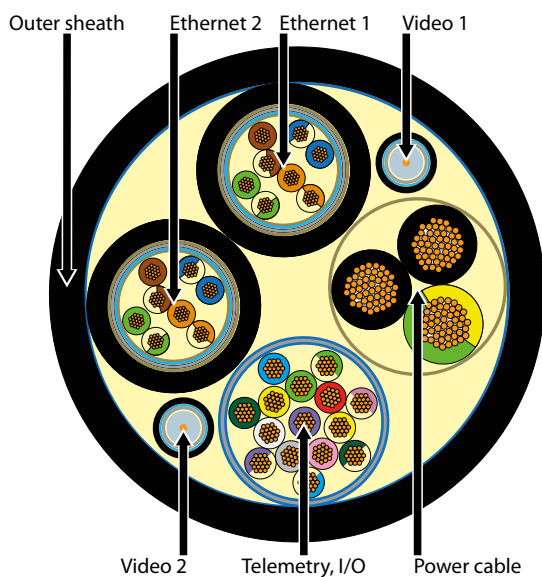
UV resistant: complies with IEC/EN 60068-2-5

Flame retardant: complies with IEC/EN 60332-1-2
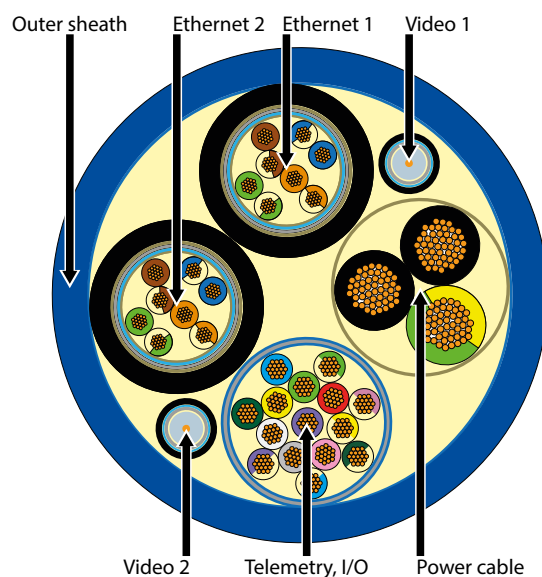
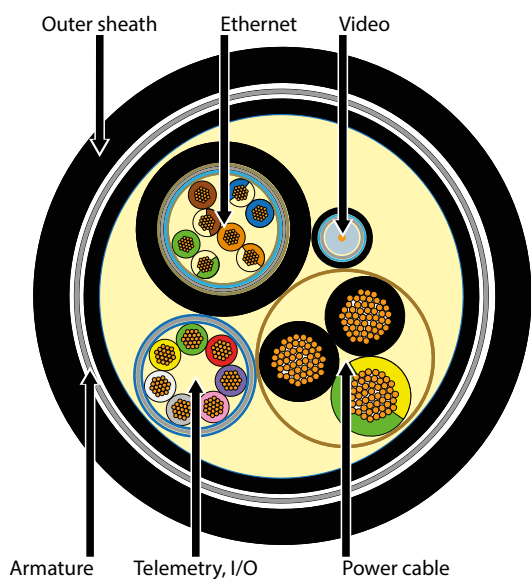IEC/EN 60079-14 (ATEX Ex II)

RoHS (CE): 2015/863/EU
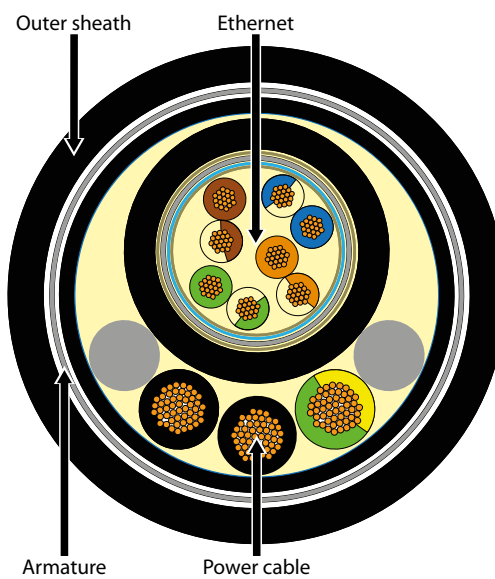
PART NUMBER

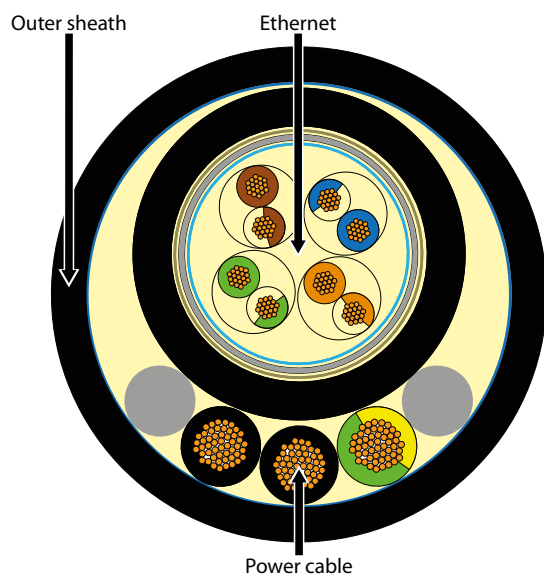CMSN0400   Unarmoured black cable

CMSN2200, CABLE SECTION

Outer sheath · Ethernet 2 · Ethernet 1 · Video 1 · Video 2 · Telemetry, I/O · Power cable

CMSB2200, CABLE SECTION

Outer sheath · Ethernet 2 · Ethernet 1 · Video 1 · Video 2 · Telemetry, I/O · Power cable

CMAN1200, CABLE SECTION

Outer sheath · Ethernet · Video · Armature · Telemetry, I/O · Power cable

CMAN0401, CABLE SECTION

Outer sheath · Ethernet · Armature · Power cable

Outer sheath   Ethernet

CMSN0400, CABLE SECTION

Power cable