CMS-CMA

ARMOURED AND UNARMOURED MULTIPOLAR CABLES

CMS-CMA

DESCRIPTION

Armoured and unarmoured multipolar cables 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, flame spread and ultra-violet rays

Available in an armoured and unarmoured version

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 I/O cables

MECHANICAL

Unarmoured cable

External diameter: 18.6mm (0.73in) ± 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

I/O

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

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

Resistance to flame spread: 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, available by the metre (minimun order 10m (32.8ft)): 2 Ethernet cables, 3 power supply wires, 2 coaxial video cable, 15 wires for alarms, relays and telemetry

CMAN1300

GENERAL

Armoured black cable: 1 Ethernet cable, 3 power supply conductors, 1 coaxial video cable, 8 shielded I/O cables

MECHANICAL

Armoured cable

External diameter: 20.5mm (0.8in) ± 0.5mm (0.02in)

Diameter under armature: 16mm (0.63in)

Minimum bending radius: 184.5mm (72.6in)

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
- Section: $4x2x0.22mm^2$ (24AWG)
- Category: 5e
- Shielding: SF/UTP

VIDEO

1 coaxial cable, RG179

I/O

Alarms, relay and telemetry
- Number of conductors: 8
- Section: $0.34mm^2$ (22AWG)
- Shielded cable

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

Resistance to flame spread: 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

CMAN1300	Armoured black cable, available by the metre (minimum order 10m (32.8ft)): 1 Ethernet cable, 3 power supply conductors, 1 coaxial video cable, 8 conductors for alarms and relay

CMAN0401

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

MECHANICAL
Armoured cable

External diameter: 16.8mm (0.66in) ± 0.4mm (0.016in)

Diameter under armature: 12.4mm (0.5in) ± 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: 1.5mm² (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
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

Resistance to flame spread: 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, available by the metre (minimum order 10m (32.8ft)): 1 Ethernet cable, 3 power supply conductors

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
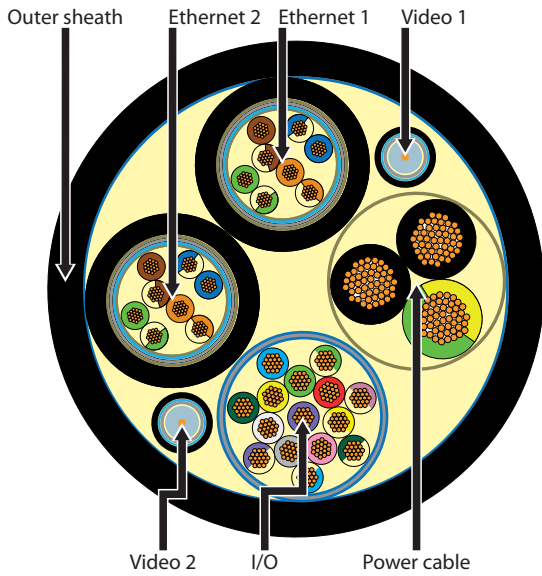
UV resistant: complies with IEC/EN 60068-2-5

Resistance to flame spread: complies with IEC/EN 60332-1-2
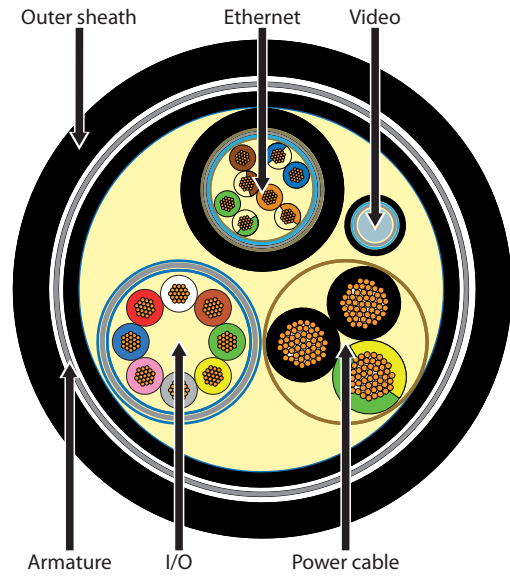
IEC/EN 60079-14 (ATEX Ex II)

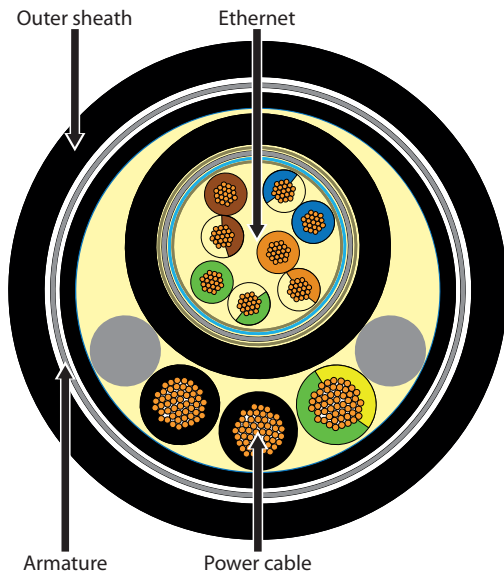RoHS (CE): 2015/863/EU

PART NUMBER
CMSN0400   Unarmoured multipolar black cable, available by the metre (minimum order 10m (32.8ft)): 1 Ethernet cable, 3 power supply wires
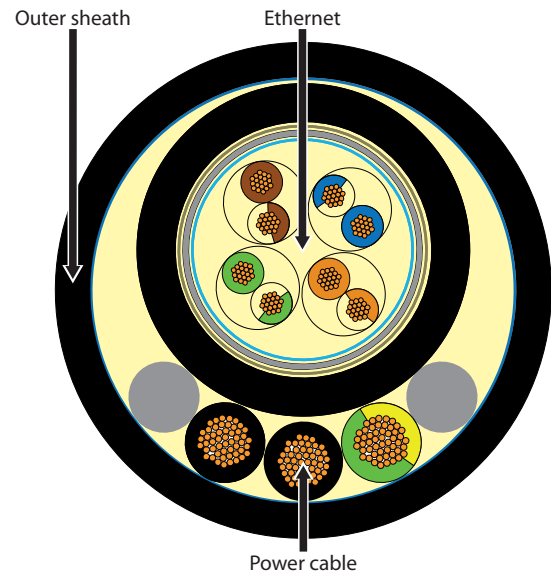
CMSN2200, CABLE SECTION

Labels: Outer sheath, Ethernet 2, Ethernet 1, Video 1, Video 2, I/O, Power cable

CMAN1300, CABLE SECTION

Labels: Outer sheath, Ethernet, Video, Armature, I/O, Power cable

CMAN0401, CABLE SECTION

Labels: Outer sheath, Ethernet, Armature, Power cable

CMSN0400, CABLE SECTION

Labels: Outer sheath, Ethernet, Power cable

CMS-CMA COMPATIBILITY/PRODUCTS									
Model Number	MAXIMUS MPX SERIES2	MAXIMUS MPXR SERIES2	MAXIMUS MPXT SERIES2	MAXIMUS MMX	MAXIMUS MVX	MAXIMUS MVXT	NXPTZ SERIES2	NXPTZR SERIES2	NXPTZT SERIES2
CMSN2200	√	√	√	-	√	√	√	√	√
CMAN1300	√	√	√	-	√	√	-	-	-
CMAN0401	-	-	-	√	-	-	-	-	-
CMSN0400	-	-	-	√	-	-	-	-	-