

Power Control cables and electronics cables

MCCMO™ -HF 450/750 V



Application

MCCMO™-HF 450/750 V

Alternative Product Name

Afumex®

Flame retardance

EN 60332-1-2 - Vertical flame propagation for a single insulated wire or cable

IEC 60332-1-2 - Vertical flame propagation for a single insulated wire or cable

EN 60332-3 - Tests on electric and optical fibre cables under fire conditions. Part 3: Test for vertical flame spread of vertically-mounted bunched wires or cables.

EN 61034 - Smoke density

EN 60754 - Corrosive gases

Standard

IEC 60332-3

IEC 61034

IEC 60754

Smoke density

Corrosive gases

Construction

Cable Shape

Round

UNSPSC classification

26121629

Conductors

Stranded annealed copper wire

Conductor Insulation

PEX compound

Filler

Halogen-free filling compound (/taping)

Marking of cores

Colours of inner cores:

7-37 -cores Numbering

Shield / Screen

Lapped copper tape and copper wires (minimum cross-section area is 6 mm²)

Shield / Screen Material

Copper

Shield / Screen Type

Lapped copper tape and copper wires (minimum cross-section area is 6 mm²)

Armouring

-

Material of Armouring

-

Outer Sheath

Black halogen-free compound

Overall sheath

Black halogen-free compound

Example of marking on sheath

DRAKA 18 "type" "voltage" meter marking

Temperature

Maximum operating Temperature

+70°C

Features

Fire Propagation	IEC / EN 60332-1-2 IEC / EN 60332-3 IEC / EN 61034 IEC / EN 60754
UV resistance	Fair
Min. Bending radius at final installation	8 xD
Bending radius	12 xD
Min. Bending radius at during installation	12 xD
Max Pulling force - pulling grip [N/mm ²]	-
Max Pulling force - pulling eye [N/mm ²]	50 N/mm ² xA
REACH/SVHC declaration	The cable does not contain any substances on the REACH/SVHC list
RoHS declaration	All substances of the cable meet the requirements of RoHS directive

Electrical

Max. short circuit temperature [°C]	+250°C
-------------------------------------	--------

Conductor and screen dimension [mm]	Outer Sheath Colour	Diameter over sheath [mm]	Cable weight [kg/km]	Standard delivery length [m]	Delivery Package	E-number
	Black	20,083		500	K11	
	Black	23,157		500	K11	
	Black	16,002		500	K9	
	Black	30,718		500	K14	