

132375NN
H07BQ-F 450/750V m/o RATIO light ye# 3G10 mm²

 BMqL 450/750 V
 CLC: H07BQ-F

Application:

Especially suitable for heavy-duty applications, where cables have to endure rubbing and dragging across rough and/or sharp surfaces

For applications, like on building sites, in garages, on shipyards, in refrigeration engineering or at road works

General properties:

Excellent resistance to heavy mechanical stress
 Highly abrasion resistant
 Very good cold resistance
 Excellent resistance to the effects of oil and greases
 Very good resistance to weather influences (including ozone)

Construction:
Conductor: flexible tinned copper (class 5)

Insulation: ethylene propylene rubber (EPR)

Assembly: cores cabled together, filled to make a round shape

Outer sheath: polyurethane (PUR)

Electrical properties:
Voltage rating: 450/750 V

Test voltage: 2,5 kV

Core colours:
2 cores: brown, blue

3 cores: brown, blue, green-and-yellow

4 cores: brown, black, grey, green-and-yellow

5 cores: brown, black, grey, blue, green-and-yellow

Standards/References:

NEN-EN 50525

HD22

Additional information:
Minimum installation temperature: -40 °C

Maximum conductor temperature: +90 °C

Operating temperature: min. -40 °C, max. +75 °C

Sheath colour: yellow

Approval: <HAR>

Packaging: coils, drums

Construction data

Nominal cross section conductor	10mm ²
Conductor category	Class 5 = flexible
Number of cores	3
Core insulation	Rubber (EPR)
Core identification	Colour
Protective conductor	Yes
Screen	No
Material outer sheath	PUR (Polyurethane)
Colour outer sheath	Yellow
Model	Round
Outer diameter approx.	18.7 mm
Conductor material	Cu, tinned
Stranding	Multi-core
Nom diam over insulation	6.46mm
Weight	598 kg/km

Properties

Low smoke (acc. EN 61034-2)	No
Halogen free (acc. EN 50267-2-2)	Yes
Flame retardant	No
Oil resistant (acc. EN 60811-2-1)	Yes
Max. conductor temperature	90 °C
Operating temperature, flexible	-40/75 °C
Operating temperature, fix	-40/75 °C
Minimum bending radius (fixed wiring)	75 mm
Minimum bending radius (flex. Wiring)	115mm
Maximum pulling force (pulling by fleeter)	450 N

Electrical

Nominal voltage U0	450 V
Nominal voltage U	750 V
Conductor resistance at 20°C, dc	max.: 1,950/km
Conductor resistance at 90°C, dc	max.: 2,490/km
Maximum current rating	
Number of cores loaded	2
-1 cable installed in free air of 30°C	62 A

Product packing

Product number	Description
132375NN	Length of 1 m