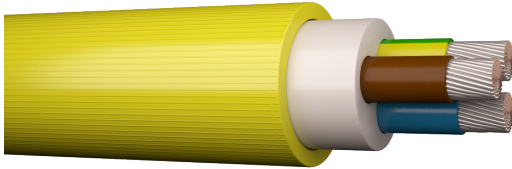


## Flexible Cables

# QWPK 450/750V



### Application

QWPK is the new generation operating cable. It is developed to meet user requirements for mechanical protection, flexibility and abrasion. Along with QWPK are UV, ozone, oil and chemical resistance will use the area very wide. QWPK is very suitable as a connection cable for machinery and equipment used hard and diligently, for example, on construction sites and mines, where the environment varies, and the cable is exposed to continuous stress.

### Alternative Product Name

H07BQ-F

### Flame retardance

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

### Approval

HAR - Approval

### Standard

EN 50525-2-21  
IEC 61034-1

IEC 61034-2

IEC 60754-1

IEC 60754-2

DIN EN 60811-2-1

### Construction Standard

Measurement of smoke density of cables burning under defined conditions. Part 1: Test apparatus.

Measurement of smoke density of cables burning under defined conditions. Part 2: Test procedure and requirements.

Test on gases evolved during combustion of electrical cables. Part 1: Determination of the amount of halogen acid gas.

Test on gases evolved during combustion of electrical cables. Part 2: Determination of degree of acidity of gases evolved during the combustion of materials taken from electric cables by measuring pH and conductivity.

Resistance to oil

### Construction

Cable Shape

Round

Conductors

Extras stranded tinned copper acc. to IEC 60228 class 5

Conductor Insulation

EPDM-rubber

Marking of cores

3-cores: green/yellow, blue, brown

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

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

Outer Sheath

Yellow or black polyurethane (PUR)

Example of marking on sheath

DRAKA QWPK/H07BQ-F 450/750 V < HAR > 3G1,5

### Temperature

Maximum operating Temperature

90°C

Minimum operating Temperature for cable type  
[°C]

-40°C

Temperatures at installation [°C]

Flexible down to -40°C and up to +70°C

### Features

Bending radius

Recommended min. 5 x D

REACH/SVHC declaration

In compliance with REACH

RoHS declaration

In compliance with RoHS

Homologation & Certification

### Electrical

Test Voltage [kV]

2,5 kV

Conductors and screen area [mm <sup>2</sup> ]	Outer Sheath Colour	Diameter over sheath [mm]	Cable weight [kg/km]	Standard delivery length [m]	EAN/GTIN number
3G1,5	Yellow	9,1	124	100	8711401100115
3G1,5	Yellow	9,1	124	500	8711401100122
3G2,5	Yellow	10,7	180	500	8711401100825
4G1,5	Yellow	10,1	153	500	9999999135729
4G2,5	Yellow	11,9	222	500	8711401100924
4G4	Yellow	13,8	321	500	8711401101228
5G1,5	Yellow	11,0	185	500	8711401100726
5G2,5	Yellow	13,2	271	500	8711401112699
5G6	Yellow	17,2	519	500	8711401101402
5G10	Yellow	22,7	900	500	8711401200167
5G16	Yellow	28,8	1324	500	8711401111562