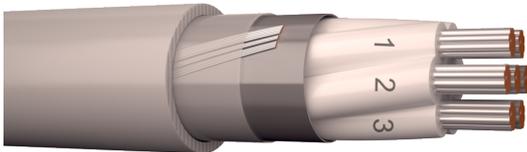


## Power Control cables and electronics cables

### FQAR-G Pure 150/250 V



#### Application

Halogen-free and flame retardant cable. Smoke in case of fire is limited, transparent (facilitates evacuation) and not harmful to electronic equipment. Installed open, though, in ducts and pipes. Even outdoors. The outer sheath is UV-protected for outdoor use in the North. Intended for signal transmission where high demands are placed on so well electrical data mechanical robustness.

#### Alternative Product Name

SE-N01Z1A7Z1-R

#### Approval

CE

#### Environmental

Environmental Declaration - FQAR-G,  
-PG, -TG Pure

#### Standard

SS 424 03 21  
CENELEC HD 627 Part 4 Section C-2  
CENELEC HD 604  
SS-EN 61034-1, -2  
SS-EN 60754-1, -2  
EN 50575:2014

Design and test standard  
Harmonized construction standard  
Halogen free material  
Smoke density  
Corrosive gasses  
Cables for general applications in construction works subject to reaction to fire requirements

#### Construction

Cable Shape  
Conductors  
Conductor Insulation  
Marking of cores  
Shield / Screen

Round  
Stranded annealed tinned copper  
Halogen free polymer  
Numbers  
Aluminum / plastic laminate with the metal outward into contact with drain wire of tinned copper

Outer Sheath  
Example of marking on sheath

Halogen free polymer, grey  
FQAR-G PURE D-s2d2a2 7x1 150/250 V DRAKA "Date", metre marked

#### Temperature

Maximum operating Temperature  
Temperatures at installation [°C]

70 °C  
Lowest cable temperature during installation -20 °C, below 0 °C special precaution shall be taken.

#### Features

CPR Performance class  
Bending radius

Dca-s2d2a2  
12 x D  
8 x D final assembly

Conductors and screen area [mm <sup>2</sup> ]	Outer Sheath Colour	Diameter over sheath [mm]	Cable weight [kg/km]	Standard delivery length [m]	Delivery Package	E-number
4x1	Grey	7,7	92	500	K6	0119215
4x1	Grey	7,7	92	1000	K6	0119216
7x1	Grey	9,3	138	500	K6	0119225
7x1	Grey	9,3	138	1000	K8	0119226
14x1	Grey	12,6	244	500	K6	0119265
24x1	Grey	16,4	392	500	K8	0119275

#### Electrical data at +20°C

Resistance, measured in loop (max)	40,4 Ω/km
Resistance in continuity conductor(max)	18,8 Ω/km
Insulation resistance (min)	2000 MΩkm
Pair capacitance at 1 kHz	100 nF/km
Capacitance, core-screen at 1 kHz	150 nF/km
Pair inductance at 1 kHz	680 μH/km
Attenuation at 1 kHz; 100 kHz	1,4; 8 dB/km
Crosstalk attenuation at 1 kHz; 100kHz	50; 25 dB/km
Characteristic impedance at 1 kHz;100 kHz	350; 90 Ω