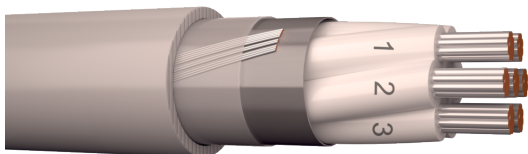


Power Control cables and electronics cables

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

Outer Sheath
Example of marking on sheath

Round
Stranded annealed tinned copper
Halogen free polymer
Numbers
Aluminum / plastic laminate with the metal outward into contact with drain wire of tinned copper
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 ²]	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