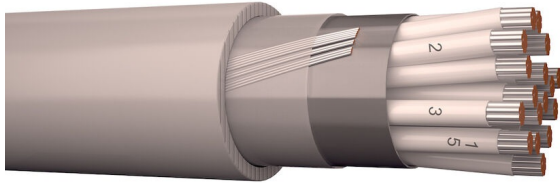


## FQAR-PG PURE 150/250 V

Halogen-free cable for signal transmission



### DESCRIPTION

Halogen-free, flame retardant and self-extinguishing cable. Smoke generation in the event of fire is limited, transparent (to not complicate evacuation) and not harmful to electronic equipment. Installed open, fixed, in pipes and ducts, even outdoors. UV protected for outdoor use in the Nordic countries. Intended for signal transmission with high demands on interference immunity, crosstalk protection and mechanical strength. For intrinsically safe circuits select a blue sheath.

### STANDARDS, CERTIFICATIONS AND APPROVALS



SS 424 03 21

Construction och testing standard

Synonyms

SE-N01Z1A7Z1-R

Conductor material	Copper
Core insulation material	Polyethylene (PE)
Screen construction	Metal tape
Material outer sheath	Low smoke zero halogen
UV resistant	Yes
Halogen free	acc. IEC/EN 60754-1/2
Reaction-to-fire class (acc. EN 13501-6)	Dca
Smoke development class (acc. EN 13501-6)	s2
Euro class flaming droplets/particles (acc. EN 13501-6)	d2
Euro class acidity (acc. EN 13501-6)	a1
Max. conductor temperature	70
Cable marking example	FQAR-PG PURE D-s2d2a1 8x2x0,5 150/250 V DRAKA "Datum", metermärkt

## PRODUCT DATA

Item name	External article code	SAP code	Cable weight [kg/km]	Packaging
FQAR-PG PURE 2X0,5 GRÅ T500	0119305	20203688		K6
FQAR-PG PURE 2X0,5 GRÅ T2000	0119308	20203689		K6
FQAR-PG PURE 2X1 BLÅ T500	0119505	20203858		K6
FQAR-PG PURE 2X1 BLÅ T1000	0119506	20203859		K6
FQAR-PG PURE 2X1 GRÅ T500	0119405	20203707		K6
FQAR-PG PURE 2X2X0,5 GRÅ T500	0119315	20203690		K6
FQAR-PG PURE 2X2X0,5 GRÅ T2000	0119318	20203701		K7
FQAR-PG PURE 2X2X1 BLÅ T500	0119515	20203860		K6
FQAR-PG PURE 2X2X1 BLÅ T1000	0119516	20203861		K6
FQAR-PG PURE 2X2X1 GRÅ T500	0119415	20203708		K6
FQAR-PG PURE 2X2X1 GRÅ T1000	0119416	20203709		K6
FQAR-PG PURE 4X2X0,5 GRÅ T500	0119325	20203702	115	K6
FQAR-PG PURE 4X2X1 BLÅ T500	0119525	20203862	168	K6
FQAR-PG PURE 4X2X1 GRÅ T500	0119425	20203710	167	K6
FQAR-PG PURE 8X2X0,5 GRÅ T500	0119335	20203703	189	K7
FQAR-PG PURE 8X2X1 BLÅ T500	0119535	20203863	288	K8
FQAR-PG PURE 8X2X1 GRÅ T500	0119435	20203711	287	K7
FQAR-PG PURE 16X2X0,5 GR T1000	0119346	20203705	326	K11
FQAR-PG PURE 16X2X1 BLÅ T500	0119545	20203864	527	K9
FQAR-PG PURE 16X2X1 BLÅ T1000	0119546	20203865	527	K12
FQAR-PG PURE 16X2X1 GRÅ T500	0119445	20203712	525	K9
FQAR-PG PURE 24X2X0,5 GRÅ T500	0119355	20203706	462	K11
FQAR-PG PURE 48X2X0,5 GR T1000	0119366	20203746	848	K16

Cross-section conductor and screen [mm <sup>2</sup> ]	Max pulling force (in conductor) [N]	Max pulling force (with pulling grip) [N]	Outer diameter (mm)
2x2x1	200	980	13,7
8x2x1	800	1805	19,1
16x2x1	1600	3125	25

Nominal values

## ELECTRICAL DATA AT +20°C

	0,5 mm <sup>2</sup>	1,0 mm <sup>2</sup>
Resistans, mätt i slinga (max)	80,8 Ω/km	40,4 Ω/km
Resistans i biledare (max)	18,8 Ω/km	18,8 Ω/km
Isolationsresistans (min)	2000 MΩkm	2000 MΩkm
Parakapacitans vid 1 kHz	90 nF/km	110 nF/km
Kapacitans, part - skärm vid 1 kHz	130 nF/km	160 nF/km
Parinduktans vid 1 kHz	680 μH/km	620 μH/km
Dämpning vid 1 kHz; 100 kHz	1,4; 8 dB/km	1,3; 10 dB/km
Överhörningsdämpn. vid 1 kHz; 100 kHz	120; 85 dB/km	130; 60 dB/km
Karakteristisk impedans vid 1 kHz; 100 kHz	350; 90 Ω	200; 65 Ω

Nominal values unless otherwise specified