

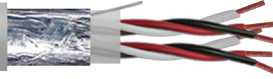
INSTRUMENTATION CABLES

FG16XOHM16 0,6/1 kV

acc. to CPR UE 305/11, EN 50575:2014 + A1:2016, Cca, s1a, d1, a1



ELETTROTEK KABEL® FG16XOHM16, Cca, s1a, d1, a1



Construction:

Conductor:	flexible red or tinned copper conductor Cl.5, acc. to IEC 60228
Insulation:	HEPR type G16
Colour cores:	pair(s): white-black, + numbered tapes triad(s): white-black-red + numbered tapes
Stranding:	conductors twisted in pair(s)-triad(s), pairs-triads twisted in concentric layers
Wrapping:	plastic tape
Overall screen:	electrostatic screen of plastic and aluminium tape + tinned drain-wire
Outer sheath:	grey (RAL 7001), halogen-free type M16

Resistance:



Flame / Fire retardant and self-extinguishing acc.to:
IEC 60332-1,
IEC 60332-3-24



Halogen-free acc. to:
IEC 60754-1 (max. 0,5%)



Corrosiveness of conflagration gases acc. to:
IEC 60754-2



Smoke density acc. to:
IEC 61034

Technical data:

Nominal voltage:	U ₀ /U 0,6/1 KV
Test voltage:	
core/core:	5 kV
core/screen:	2 kV
Temperature range:	
Installation:	-5°C up to +50°C
Fixed laying:	-30°C up to +75°C
Insulation operation:	-30°C up to +90°C
Max short circuit temperature:	+ 250 °C
Min. bending radius:	8 x d

Features:

according to CEI 20-13, IEC 60502-1

according to CPR UE 305/11, EN 50575:2014 + A1:2016,
Cca, s1a, d1, a1

Part no.	No. of pairs/triples x cross section n x mm ²	Outer-Ø ca.mm	Copper weight kg/km	Cable weight approx. kg/km
47530G5X012M07	1x2x0,75	8	19,2	87
47530G5X022M07	2x2x0,75	11,6	33,6	142
47530G5X042M07	4x2x0,75	13,7	62,4	223
47530G5X062M07	6x2x0,75	16,7	91,2	317
47530G5X082M07	8x2x0,75	18,2	120	384
47530G5X012M15	1x2x1,5	8,9	33,6	114
47530G5X042M15	4x2x1,5	15,5	120	323
47530G5X022M10	2x2x1	11,3	43,2	152
47530G5X013M07	1x3x0,75	8,4	21,6	102
47530G5X023M07	2x3x0,75	14,3	48	204
47530G5X043M07	4x3x0,75	16,9	91,2	320
47530G5X063M07	6x3x0,75	20,5	134,4	454

Other dimensions and colours available on request.