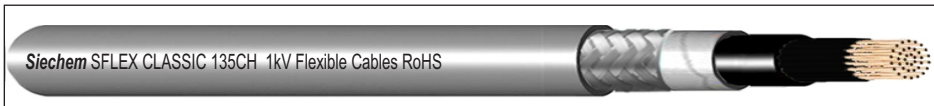


Siechem
Wires & Cables

Application

- ✓ Air conditioning systems.
- ✓ Excellent UV resistance.
- ✓ Airports, railway stations.
- ✓ Regions prone to fire hazards.

Features

- ✓ Flame retardant.
- ✓ Low smoke density.
- ✓ Halogen free.

Product Construction

- ✓ Conductor: Finely Stranded Bare Copper Wires.
- ✓ Insulation: Halogen Free Compound.
- ✓ Insulating Plastic Foil.
- ✓ Braiding: Tinned Copper Wire.
- ✓ Outer Sheath: Grey Halogen Free Compound.
- ✓ Cores: Black with White Numbers.

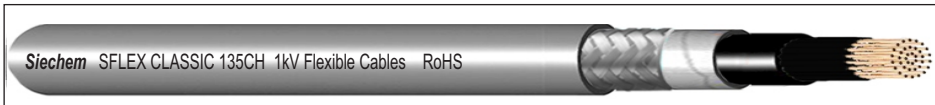
ISO 9001 | ISO 14001 | AS 9100 | ISO 45001

REACH COMPLIANT | RoHS COMPLIANT | CE

Technical Data

- ✓ Temperature Range :
  Flexible applications : - 15°C to +70°C
  Fixed Installation : - 40°C to +70°C
- ✓ Test Voltage :
  Core / Core : 4 kV
  Core / Shielding : 2 kV
- ✓ Protective Conductor(PC) : G-With green/yellow PC
  X-Without PC
- ✓ Bending Radius(Minimum) :
  Flexing : 20 x Cable Diameter
  Static : 6 x Cable Diameter
- ✓ Rated Voltage : (U_0/U) 300/500 V
- ✓ Specific Insulation Resistance : >10 M Ohm x km.
- ✓ As per VDE 0281

Part Number	Number of Cores and mm² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Weight Kg/Km approx.
6180602	2Cx0.5	6.86	36.00	77.26
6180603G	3G0.5	7.23	43.00	88.68
6180603	3Cx0.5	7.23	43.00	88.68
6180604G	4G0.5	7.35	49.00	95.50
6180604	4Cx0.5	7.35	49.00	95.50
6180605G	5G0.5	7.95	57.00	111.95
6180605	5Cx0.5	7.95	57.00	111.95
6180607G	7G0.5	7.99	69.00	122.60
6180607	7Cx0.5	7.99	69.00	122.60
6180612G	12G0.5	9.73	104.00	195.75
6180618G	18G0.5	11.35	141.00	265.49
6180625G	25G0.5	13.78	224.00	396.86
6180802	2Cx0.75	7.08	43.00	86.78
6180803G	3G0.75	7.45	52.00	99.90
6180803	3Cx0.75	7.45	52.00	99.90
6180804G	4G0.75	8.06	61.00	117.19
6180804	4Cx0.75	8.06	61.00	117.19
6180805G	5G0.75	8.72	72.00	138.20
6180805	5Cx0.75	8.72	72.00	138.20
6180807G	7G0.75	9.42	89.00	165.73
6180807	7Cx0.75	9.42	89.00	165.73
6180812G	12G0.75	11.63	138.00	270.27
6180812	12Cx0.75	11.63	138.00	270.27
6180818G	18G0.75	13.60	211.00	390.92
6180825G	25G0.75	15.94	280.00	528.71
6181002	2Cx1	7.82	51.00	105.16
6181003G	3G1	7.82	62.00	114.22
6181003	3Cx1	7.82	62.00	114.22
6181004G	4G1	8.47	74.00	135.33
6181004	4Cx1	8.47	74.00	135.33
6181005G	5G1	9.18	88.00	160.42
6181005	5Cx1	9.18	88.00	160.42
6181007G	7G1	9.93	112.00	195.82
6181007	7Cx1	9.93	112.00	195.82
6181012G	12G1	12.34	185.00	330.68
6181012	12Cx1	12.34	185.00	330.68
6181018G	18G1	14.70	268.00	467.10
6181025G	25G1	17.21	354.00	629.79
6181025	25Cx1	17.21	354.00	629.79
6181302	2Cx1.5	8.23	65.00	120.55
6181303G	3G1.5	8.68	82.00	142.29
6181303	3Cx1.5	8.68	82.00	142.29
6181304G	4G1.5	9.40	100.00	170.80
6181304	4Cx1.5	9.40	100.00	170.80
6181305G	5G1.5	10.18	119.00	202.71
6181305	5Cx1.5	10.18	119.00	202.71



Part Number	Number of Cores and mm² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Weight Kg/Km approx.
6181307G	7G1.5	11.02	154.00	250.50
6181307	7Cx1.5	11.02	154.00	250.50
6181312G	12G1.5	14.01	268.00	437.97
6181318G	18G1.5	16.35	373.00	604.29
6181325G	25G1.5	19.14	530.00	851.57
6181602	2Cx2.5	9.75	96.00	176.10
6181603G	3G2.5	10.30	118.00	204.78
6181604G	4G2.5	11.20	147.00	249.14
6181605G	5G2.5	12.17	176.00	297.18
6181607G	7G2.5	13.20	253.00	392.58
6181612G	12G2.5	16.70	385.00	632.54
6181903G	3G4	12.12	178.00	299.37
6181904G	4G4	13.21	248.00	391.11
6181905G	5G4	14.39	269.00	439.25
6181907G	7G4	15.65	371.00	566.79
6182303G	3G6	13.40	240.00	384.07
6182304G	4G6	16.09	343.00	561.90
6182305G	5G6	15.98	404.93	607.68
6182307G	7G6	17.42	510.00	741.79
6182704G	4G10	18.74	535.00	824.53
6182705G	5G10	20.51	592.00	938.83
6182707G	7G10	22.41	820.00	1218.33
6182804G	4G16	21.38	736.00	1095.15
6182805G	5G16	23.46	895.00	1326.45
6183004G	4G25	25.39	1129.00	1628.15
6183005G	5G25	28.42	1400.00	2034.16
6183204G	4G35	28.80	1546.00	2173.07
6183205G	5G35	31.89	1912.00	2682.52
6183404G	4G50	33.48	2157.00	2996.10