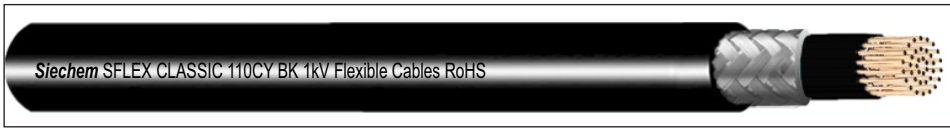


Siechem SFLEX CLASSIC 110CY BK 1kV Flexible Cables RoHS

Siechem
Wires & Cables

Application

- ✓ Used in dry, wet or damp interiors.
- ✓ Air conditioning systems.
- ✓ Suitable for direct burial.
- ✓ Used in EMI environment.

Features

- ✓ High shielding coverage and low transfer impedance.
- ✓ Highly resistant to oils and chemicals.
- ✓ Excellent insulation and Flame retardant.
- ✓ Substances (like silicone) that hinder the properties of lacquer are not used.
- ✓ Excellent UV and Weather Resistant.
- ✓ Transfer Impedance has Low Value.

Product Construction

- ✓ Conductor : Finely Stranded Bare Copper Wires.
- ✓ Insulation : Black PVC Compound.
- ✓ Braiding : Tinned Copper Wire.
- ✓ Outer Sheath : Black PVC Material.

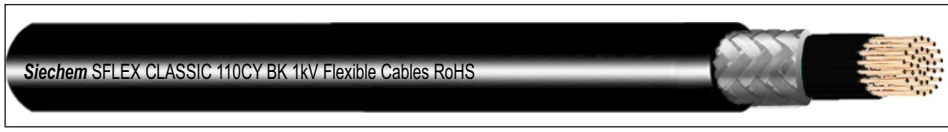
ISO 9001 | ISO 14001 | AS 9100 | ISO 45001

REACH COMPLIANT | RoHS COMPLIANT | CE

Technical Data

- ✓ Temperature Range :
  Flexible applications : - 5°C to +70°C
  Fixed Installation : - 40°C to +80°C
- ✓ Voltage for Testing : 4 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) 600/1000 V
- ✓ Specific Insulation Resistance : >20 G Ohm x cm.
- ✓ 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.
6100602	2Cx0.5	9.06	38.19	136.89
6100603G	3G0.5	9.46	45.03	153.78
6100603	3Cx0.5	9.46	45.03	153.78
6100604G	4G0.5	10.12	53.11	178.15
6100604	4Cx0.5	10.12	53.11	178.15
6100605G	5G0.5	10.83	61.06	204.68
6100605	5Cx0.5	10.83	61.06	204.68
6100607G	7G0.5	12.19	75.01	258.86
6100607	7Cx0.5	12.19	75.01	258.86
6100612G	12G0.5	14.86	130.21	376.68
6100612	12Cx0.5	14.86	130.21	376.68
6100618G	18G0.5	17.15	169.97	499.18
6100625G	25G0.5	19.88	223.07	631.42
6100802	2Cx0.75	9.48	46.08	156.09
6100803G	3G0.75	9.92	56.04	173.95
6100803	3Cx0.75	9.92	56.04	173.95
6100804G	4G0.75	10.63	67.91	203.82
6100804	4Cx0.75	10.63	67.91	203.82
6100805G	5G0.75	11.40	78.90	235.45
6100805	5Cx0.75	11.40	78.90	274.80
6100807G	7G0.75	12.92	97.04	322.98
6100807	7Cx0.75	12.92	97.04	322.98
6100812G	12G0.75	15.83	169.01	440.10
6100812	12Cx0.75	15.83	169.01	440.10
6100818G	18G0.75	18.00	229.23	578.20
6100825G	25G0.75	21.14	295.91	760.24
6101002	2Cx1	10.82	52.22	190.33
6101003G	3G1	11.13	66.06	212.97
6101003	3Cx1	11.12	67.17	213.70
6101004G	4G1	11.73	79.19	242.44
6101004	4Cx1	11.73	79.11	242.36
6101005G	5G1	12.60	93.17	281.87
6101005	5Cx1	12.60	93.11	281.82
6101007G	7G1	13.73	116.98	331.32
6101007	7Cx1	13.73	116.98	342.40
6101012G	12G1	16.84	203.98	503.85
6101018G	18G1	19.45	279.98	679.55
6101025G	25G1	22.56	368.98	845.91
6101302	2Cx1.5	11.58	68.19	224.84
6101303G	3G1.5	12.15	87.04	259.85
6101303	3Cx1.5	12.15	87.04	259.85
6101304G	4G1.5	12.89	101.86	283.92
6101304	4Cx1.5	12.89	101.86	283.92



Part Number	Number of Cores and mm² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Weight Kg/Km approx.
6101305G	5G1.5	13.89	123.04	343.46
6101305	5Cx1.5	13.89	123.04	343.46
6101307G	7G1.5	15.17	174.81	444.71
6101307	7Cx1.5	15.17	174.81	444.71
6101312G	12G1.5	18.83	274.89	633.35
6101318G	18G1.5	21.85	384.49	866.06
6101325G	25G1.5	25.44	512.73	1138.65
610163G	3G2.5	13.58	124.14	335.24
610164G	4G2.5	14.69	169.87	410.54
610165G	5G2.5	15.68	200.15	480.06
610167G	7G2.5	17.15	259.23	593.65
6101612G	12G2.5	21.78	417.24	869.32
6101904G	4G4	16.22	236.13	537.11
6101905G	5G4	17.56	288.88	685.74
6101907G	7G4	19.60	395.87	854.87
6102304G	4G6	18.61	319.23	718.66
6102305G	5G6	20.23	407.60	879.57
6102307G	7G6	21.97	543.29	1099.01
6102704G	4G10	21.36	524.82	1125.50
6102705G	5G10	23.24	612.17	1171.82
6102804G	4G16	24.10	807.24	1624.88
6102805G	5G16	26.73	984.19	1692.58
6103004G	4G25	29.57	1169.06	2231.99
6103005G	5G25	32.29	1400.26	2411.79
6103204G	4G35	32.60	1655.72	2885.54
6103404G	4G50	39.33	2337.85	4081.05
6103704G	4G70	44.58	3260.93	5655.40
6103804G	4G95	50.89	4054.93	6392.93
6104104G	4G120	56.07	5224.97	8008.64