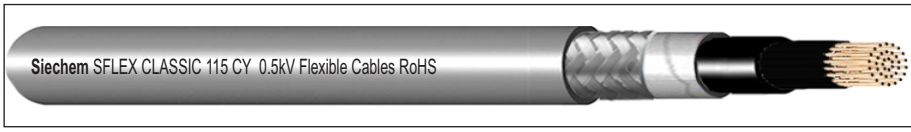


Siechem
Wires & Cables

Application

- ✓ Used in dry, wet or damp interiors.
- ✓ Excellent UV protection.
- ✓ Air conditioning systems.
- ✓ Suitable for direct burial.
- ✓ Measurement and control technology

Features

- ✓ High shielding coverage and low transfer impedance.
- ✓ Highly resistant to oils and chemicals.
- ✓ Excellent insulation.
- ✓ Substances (like silicone) that hinder the properties of lacquer are not used.
- ✓ Small outer diameter results in reduced space requirements.

Product Construction

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

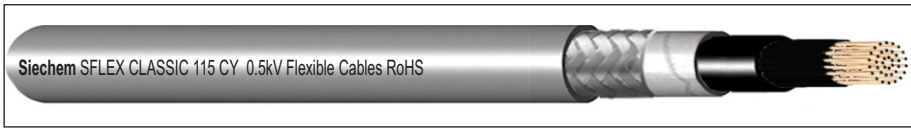
ISO 9001	ISO 14001	AS 9100	ISO 45001

REACH COMPLIANT · RoHS COMPLIANT · CE

Technical Data

- ✓ Temperature Range :
  Flexible applications : - 5°C to +70°C
  Fixed Installation : - 40°C to +80°C
- ✓ Test Voltage :
  Core/Core : 4kV
  Core/Shielding : 2kV
- ✓ 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 : >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.
6150602	2Cx0.5	6.31	36.00	67.35
6150603G	3G0.5	6.62	43.00	77.10
6150603	3Cx0.5	6.62	43.00	77.10
6150604G	4G0.5	7.12	49.00	88.74
6150604	4Cx0.5	7.12	49.00	88.74
6150605G	5G0.5	7.66	57.00	103.54
6150605	5Cx0.5	7.66	57.00	103.54
6150607G	7G0.5	8.24	69.00	122.60
6150607	7Cx0.5	8.24	69.00	122.60
6150612G	12G0.5	9.98	104.00	195.27
6150612	12Cx0.5	9.98	104.00	195.27
6150618G	18G0.5	11.60	141.00	264.39
6150618	18Cx0.5	11.60	141.00	264.39
6150625G	25G0.5	13.53	211.00	380.84
6150625	25Cx0.5	13.53	211.00	380.84
6150802	2Cx0.75	7.08	43.00	86.63
6150803G	3G0.75	7.45	52.00	99.59
6150803	3Cx0.75	7.45	52.00	99.59
6150804G	4G0.75	8.06	61.00	116.74
6150804	4Cx0.75	8.06	61.00	116.74
6150805G	5G0.75	8.72	72.00	137.61
6150805	5Cx0.75	8.72	72.00	137.61
6150807G	7G0.75	9.42	89.00	164.83
6150807	7Cx0.75	9.42	89.00	164.83
6150812G	12G0.75	11.63	138.00	268.63
6150818G	18G0.75	13.60	211.00	388.35
6150825G	25G0.75	15.94	280.00	525.06
6150825	25Cx0.75	15.94	280.00	525.06
6151002	2Cx1	7.82	51.00	104.92
6151003G	3G1	7.82	62.00	113.88
6151003	3Cx1	7.82	62.00	113.88
6151004G	4G1	8.47	74.00	134.83
6151004	4Cx1	8.47	74.00	134.83
6151005G	5G1	9.18	88.00	159.77
6151005	5Cx1	9.18	88.00	159.77
6151007G	7G1	9.93	112.00	194.82
6151007	7Cx1	9.93	112.00	194.82
6151012G	12G1	12.34	185.00	328.87
6151018G	18G1	14.70	268.00	464.27
6151025G	25G1	17.21	354.00	625.77
6151302	2Cx1.5	8.23	65.00	120.34
6151303G	3G1.5	8.68	82.00	141.89
6151303	3Cx1.5	8.68	82.00	141.89
6151304G	4G1.5	9.40	100.00	170.22
6151304	4Cx1.5	9.40	100.00	170.22



Part Number	Number of Cores and mm² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Weight Kg/Km approx.
6151305G	5G1.5	10.18	119.00	201.95
6151305	5Cx1.5	10.18	119.00	201.95
6151307G	7G1.5	11.02	154.00	249.34
6151307	7Cx1.5	11.02	154.00	249.34
6151312G	12G1.5	13.76	268.00	435.18
6151318G	18G1.5	16.10	373.00	600.32
6151325G	25G1.5	19.14	530.00	846.94
6151334G	34G1.5	21.93	683.00	1101.07
61516 03G	3G2.5	10.30	118.00	204.14
6151604G	4G2.5	11.20	147.00	248.23
6151605G	5G2.5	12.17	176.00	295.98
6151607G	7G2.5	13.20	253.00	390.81
6151612G	12G2.5	16.70	355.00	599.38
6151618G	18G2.5	19.60	569.00	902.03
6151625G	25G2.5	23.30	822.66	1288.59
6151904G	4G4	13.46	248.00	390.69
6151907G	7G4	15.90	355.00	549.16
6152304G	4G6	14.89	343.00	512.26
6152307G	7G6	17.67	505.00	734.69
6152704G	4G10	18.51	535.00	803.05
6152705G	5G10	20.22	592.00	912.03
6152707G	7G10	22.06	820.00	1184.51
6152804G	4G16	21.15	800.00	1134.02
6152805G	5G16	23.17	895.00	1295.10
6152807G	7G16	25.33	1381.46	1832.93
6153004G	4G25	25.64	1075.00	1570.46
6153005G	5G25	28.13	1400.00	1994.39
6153204G	4G35	29.17	1576.00	2207.78