Siechem
Wires & Cables

Application

- ✓ Control systems and assembly lines
- ✓ Dry, damp or wet interiors
- ✓ Machine tools
- ✓ Data processing equipment
- ✓ Grinding machines
- ✓ Control panels and machines
- ✓ Fixed installations

Features

- ✓ Galvanized steel wire braiding provides protection against EMI emissions.
- ✓ Outer sheath provides mechanical strength.
- ✓ Better chemical resistance.
- ✓ Flame retardant.
- ✓ UV protection.
- ✓ Heavily resistive to soiling.

Product Construction

- ✓ Conductor : Finely Stranded Bare Copper Wires
- ✓ Insulation : PVC Compound
- ✓ Cores : Twisted in layer
- ✓ Inner Sheath : Special PVC Compound
- ✓ Braiding : Galvanized Steel Wires
- ✓ Outer Sheath : Transparent Special PVC Material
- ✓ Colored Cores

ISO 9001	ISO 14001	AS 9100	ISO 45001

REACH COMPLIANT · RoHS COMPLIANT · CE

Technical Data

- ✓ Temperature Range :
  Flexible applications : - 5^{0}C to +70^{0}C
  Fixed Installation : - 40^{0}C to +80^{0}C
- ✓ Test Voltage : 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)
  Up to 1.0mm^2 : 300/500 V
  From 1.5mm^2 : 450/750 V
  From 1.5mm^2(Fixed &Protected Installation) : 600/1000 V
- ✓ Specific Insulation Resistance : >20 G Ohm x cm.

Part Number	Number of Cores and mm^2 Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Total Weight Kg/Km approx.
6040602	2C x 0.5	7.7	9.6	84
6040603G	3 G 0.5	8.0	14.4	93
6040604G	4 G 0.5	8.6	19.2	108
6040605G	5 G 0.5	9.2	24.0	120
6040607G	7 G 0.5	10.0	33.6	148
6040608G	8 G 0.5	10.7	38.0	169
6040610G	10 G 0.5	11.9	48.0	191
6040612G	12 G 0.5	12.3	58.0	213
6040614G	14 G 0.5	13.0	67.0	242
6040616G	16 G 0.5	13.8	75.0	272
6040621G	21 G 0.5	15.2	99.0	333
6040624G	24 G 0.5	16.2	114.0	360
60406 27G	27 G 0.5	16.7	128.0	398
6040640G	40 G 0.5	19.4	192.0	553
6040802	2C x 0.75	8.1	14.4	99
60408 03G	3 G 0.75	8.5	21.6	106
6040804G	4 G 0.75	9.3	28.8	125
6040805G	5 G 0.75	9.9	36.0	145
6040807G	7 G 0.75	10.6	50.0	173
6040808G	8 G 0.75	11.8	56.0	204
6040810G	10 G 0.75	13.2	70.0	243
6040812G	12 G 0.75	13.6	86.0	266
6040815G	15 G 0.75	14.9	104.0	314
6040818G	18 G 0.75	15.7	130.0	365
6040821G	21 G 0.75	16.9	151.0	421
6040825G	25 G 0.75	18.4	180.0	481
6040832G	32 G 0.75	20.2	230.0	589
6040861G	61 G 0.75	26.1	439.0	1037
6041002	2C x 1	8.8	19.2	119
6041003G	3 G 1	9.3	28.8	138
6041004G	4 G 1	10.2	38.4	151
6041005G	5 G 1	11.1	48.0	176
6041006G	6 G 1	11.9	58.0	232
6041007G	7 G 1	11.9	67.0	233
6041008G	8 G 1	13.2	77.0	285
6041010G	10 G 1	14.6	96.0	316
6041012G	12 G 1	15.1	115.0	347
6041018G	18 G 1	17.6	173.0	521
6041020G	20 G 1	18.7	192.0	545
6041025G	25 G 1	20.7	240.0	672
6041302	2C x 1.5	9.8	29.0	134

Part Number	Number of Cores and mm² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Total Weight Kg/Km approx.
6041302	2C x 1.5	9.8	29.0	134
6041303G	3 G 1.5	10.3	43.0	153
6041304G	4 G 1.5	11.2	58.0	186
6041305G	5 G 1.5	12.2	72.0	219
6041306G	6 G 1.5	13.2	86.4	257
6041307G	7 G 1.5	13.2	101.0	292
6041308G	8 G 1.5	14.9	115.0	350
6041312G	12 G 1.5	17.3	173.0	447
6041314G	14 G 1.5	18.1	202.0	549
6041318G	18 G 1.5	20.2	259.0	623
6041325G	25 G 1.5	23.5	360.0	829
6041332G	32 G 1.5	25.9	461.0	1026
6041602	2C x 2.5	11.6	48.0	188
6041603G	3 G 2.5	12.2	72.0	261
6041604G	4 G 2.5	13.3	96.0	297
6041605G	5 G 2.5	14.4	120.0	330
6041607G	7 G 2.5	15.9	168.0	428
6041902	2C x 4	13.5	76.8	306
6041904G	4 G 4	15.4	154.0	438
6041905G	5 G 4	16.7	192.0	521
6041907G	7 G 4	18.3	269.0	651
6042303G	3 G 6	16.1	173.0	481
6042304G	4 G 6	17.5	230.0	586
6042305G	5 G 6	19.1	288.0	698
6042307G	7 G 6	20.9	403.0	865
6042704G	4 G 10	21.4	384.0	924
6042705G	5 G 10	23.2	480.0	1107
6042707G	7 G 10	25.9	672.0	1434
6042804G	4 G 16	24.7	614.0	1314
6042805G	5 G 16	27.8	768.0	1706
6043004G	4 G 25	30.0	960.0	2028
6043005G	5 G 25	33.0	1200.0	2470
6043204G	4 G 35	33.4	1344.0	2576
6043205G	5 G 35	36.8	1680.0	
6043404G	4 G 50	39.0	1920.0	3525
6043704G	4 G 70	45.4	2688.0	4820
6043804G	4 G 95	51.5	3648.0	6373