SY Multicore GSWB Cable

Application: Widely used in fixed installation scenarios, including industrial automation, power plants, machine tools, and environments where cables may be subjected to bending, pressure, or moderate tension.

Construction

Conductor Material	: Bare Copper, Class 5
Insulation Material	: Polyvinyl Chloride (PVC)
Bedding Material	: Polyvinyl Chloride (PVC)
Bedding Colour	: Grey
Overall Armour	: Galvanised Steel Wire Braid (≥ 75% Coverage)
Sheath Material	: Polyvinyl Chloride (PVC)
Sheath Colour	: Clear
Core Identification	: 2core – Brown, Blue 3core – Brown, Blue, Green/Yellow
	: 4core – Brown, Black, Grey, Green/Yellow
	: 5core – Brown, Black, Grey, Blue, Green/Yellow

Electrical Characteristics

Conductor Resistance	: BS EN 60228
Insulation Resistance	: 200 MΩ.M
Working Voltage	: 300/500V
Test Voltage (AC)	: 2000V

Physical Characteristics

Bend Radius	: Flexing 10 x OD Static 7.5 x OD
Temperature Rating	: Fixed: -40°C to +80°C Flexing: -30°C to +70°C

Standards

Flame Retardant	: BS EN 60332-1-2
RoHS3 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU), CPR (305/2011)
CPR Classification	: Eca (EN50575:2014+A1:2016)

Part No.	Cores x mm²	Weight kg/km	OD mm
11000502C-E00	2 x 0.5	77	7.6
11000503C-E00	3 x 0.5	101	8.0
11000504E-E00	4 x 0.5	116	9.1
11000505E-E00	5 x 0.5	127	9.4
11000702C-E00	2 x 0.75	95	8.0
11000703C-E00	3 x 0.75	105	8.3
11000704E-E00	4 x 0.75	136	9.3
11000705E-E00	5 x 0.75	172	9.8
11001002C-E00	2 x 1	124	8.2
11001003C-E00	3 x 1	139	8.5
11001004E-E00	4 x 1	150	9.5
11001005E-E00	5 x 1	190	10.1
11001502C-E00	2 x 1.5	153	8.8
11001503C-E00	3 x 1.5	162	9.6
11001504E-E00	4 x 1.5	193	10.4
11001505E-E00	5 x 1.5	234	11.1

Part No.	Cores x mm²	Weight kg/km	OD mm
11002502C-E00	2 x 2.5	192	10.5
11002503C-E00	3 x 2.5	237	11.0
11002504E-E00	4 x 2.5	297	12.6
11002505E-E00	5 x 2.5	365	13.6
11004003C-E00	3 x 4.0	353	13.4
11004004C-E00	4 x 4.0	458	14.8
11004005E-E00	5 x 4.0	556	16.1
11006003C-E00	3 x 6.0	451	14.9
11006004E-E00	4 x 6.0	570	16.7
11006005E-E00	5 x 6.0	693	18.1
11010003C-E00	3 x 10	744	19.7
11010004E-E00	4 x 10	906	21.2
11010005E-E00	5 x 10	1077	24.5
11016003C-E00	3 x 16	1108	22.7
11016004E-E00	4 x 16	1406	27.9
11016005E-E00	5 x 16	1780	31.1

Part No.	Cores x mm²	Weight kg/km	OD mm
11025004E-E00	4 x 25	205	33.8
11025005E-E00	5 x 25	2529	37.3
11035004E-E00	4 x 35	2571	36.7
11035005E-E00	5 x 35	3268	41.1
11050004E-E00	4 x 50	3613	39.9
11050005E-E00	5 x 50	4367	44.3
11070004E-E00	4 x 70	4893	45.6
11070005E-E00	5 x 70	5869	51.7
11095004E-E00	4 x 95	6423	50.2
11095005E-E00	5 x 95	8162	56.9
11120004E-E00	4 x 120	8235	56.1
11150004E-E00	4 x 150	10324	63.2