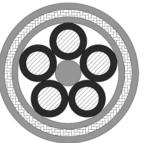


MachFlex350 SY

VDE Registered
GalvanizedSteel Wire Braid (GSWB) --> ExcellentMechanicalProtection



Applications

Designed for applications which are installed in occasional flexing and fixed locations. Cable applications include precision control sensors, multi axis control machines, temperature controllers, control panels, machine cutting tools, auxiliary equipment, motor speed control, production machinery and many more.

General Reference Standards

- DIN VDE 0295, IEC 60228, BS 6360
- DIN EN 50290-2-22, DIN VDE 0207-363-4-1
- IEC 60227-5, EN 50525-2-51, VDE 0281-13
- DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1-2
- RoHS, REACH & CE Directives

Construction & Performance

1.	Conductor Material	Stranded bare copper (DIN VDE 0295 Class 5 / IEC 60228 class 5)
2.	Insulation Material & Colour	PVC (polyvinyl chloride), DIN VDE 0293-1 (colour) A) All black colour with number coding = without protective earth conductor. B) Black colour with number coding and 1 green & yellow colour conductor = with protective earth conductor.
3.	Braid Shield Material	GSWB (Galvanized Steel Wire Braid)
4.	Jacket / Sheath Material	PVC (polyvinyl chloride)
5.	Flame Retardancy	VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1-2
6.	Voltage Rating (Uo / U)	300 / 500 V
7.	Oil Resistant	DIN EN 50290-2-22 (TM54)



	0 T	-30°C TO +70°C (Occasional movement)			
8.	Temperature Range	-40°C TO +80°C (Fixed installation)			
	Design Design	20 x OD (Occasional movement)			
9.	Bending Radius	6 x OD (Fixed installation)			
10.	Other Properties	ies Good UV resistance, chemical resistance & flexibility			

TABLE A

INDELA							
Part Code	Cable No. Of Nom. Conductor Nom. Cable Nom. Ca						
Tare code	Description	Cores	Size (mm²)	Diameter (mm)	(kg/km)		
2XASY	2 X0.5	2	0.5	7.1	55		
3XASY	3 X0.5	3	0.5	7.5	79		
3GASY	3 G0.5	3	0.5	7.5	79		
4XASY	4 X0.5	4	0.5	8.0	92		
4GASY	4 G0.5	4	0.5	8.0	92		
5XASY	5 X0.5	5	0.5	8.5	106		
5GASY	5 G0.5	5	0.5	8.5	106		
7XASY	7 X0.5	7	0.5	9.1	124		
7GASY	7 G0.5	7	0.5	9.1	124		
9XASY	9 X0.5	9	0.5	10.7	158		
9GASY	9 G0.5	9	0.5	10.7	158		
10XASY	10 X0.5	10	0.5	11.1	173		
10GASY	10 G0.5	10	0.5	11.1	173		
12XASY	12 X0.5	12	0.5	11.4	190		
12GASY	12 G0.5	12	0.5	11.4	190		
14XASY	14 X0.5	14	0.5	11.9	210		
14GASY	14 G0.5	14	0.5	11.9	210		
16XASY	16 X0.5	16	0.5	12.4	232		
16GASY	16 G0.5	16	0.5	12.4	232		
18XASY	18 X0.5	18	0.5	13.0	256		
18GASY	18 G0.5	18	0.5	13.0	256		
20XASY	20 X0.5	20	0.5	13.9	288		
20GASY	20 G0.5	20	0.5	13.9	288		
2XBSY	2 X0.75	2	0.75	7.7	81		
3XBSY	3 X0.75	3	0.75	8.0	94		
3GBSY	3 G0.75	3	0.75	8.0	94		



B Le D L Data Sheet – Armored (SY) PVC Control Cable

4XBSY	4 X0.75	4	0.75	8.6	111
4GBSY	4 G0.75	4	0.75	8.6	111
5XBSY	5 X0.75	5	0.75	9.2	129
5GBSY	5 G0.75	5	0.75	9.2	129
7XBSY	7 X0.75	7	0.75	9.9	154
7GBSY	7 G0.75	7	0.75	9.9	154
9XBSY	9 X0.75	9	0.75	11.6	198
9GBSY	9 G0.75	9	0.75	11.6	198
10XBSY	10 X0.75	10	0.75	12.1	216
10GBSY	10 G0.75	10	0.75	12.1	216
12XBSY	12 X0.75	12	0.75	12.4	239
12GBSY	12 G0.75	12	0.75	12.4	239
14XBSY	14 X0.75	14	0.75	13.0	266
14GBSY	14 G0.75	14	0.75	13.0	266
16XBSY	16 X0.75	16	0.75	13.8	305
16GBSY	16 G0.75	16	0.75	13.8	305
18XBSY	18 X0.75	18	0.75	14.5	337
18GBSY	18 G0.75	18	0.75	14.5	337
20XBSY	20 X0.75	20	0.75	15.2	365
20GBSY	20 G0.75	20	0.75	15.2	365

Part Code	Cable Description	No. Of Cores	Nom. Conductor Size (mm²)	Nom. Cable Diameter (mm)	Nom. Cable Weight (kg/km)
2XCSY	2 X1.0	2	1.0	8.1	93
3XCSY	3 X1.0	3	1.0	8.4	109
3GCSY	3 G1.0	3	1.0	8.4	109
4XCSY	4 X1.0	4	1.0	9.1	129
4GCSY	4 G1.0	4	1.0	9.1	129
5XCSY	5 X1.0	5	1.0	9.8	152
5GCSY	5 G1.0	5	1.0	9.8	152
7XCSY	7 X1.0	7	1.0	10.5	184
7GCSY	7 G1.0	7	1.0	10.5	184
9XCSY	9 X1.0	9	1.0	12.4	236
9GCSY	9 G1.0	9	1.0	12.4	236
10XCSY	10 X1.0	10	1.0	12.9	258
10GCSY	10 G1.0	10	1.0	12.9	258
12XCSY	12 X1.0	12	1.0	13.3	287
12GCSY	12 G1.0	12	1.0	13.3	287
14XCSY	14 X1.0	14	1.0	14.1	331



BEEDEN Data Sheet – Armored (SY) PVC Control Cable

14GCSY 14 G1.0 14 1.0 14.1 331 16XCSY 16 X1.0 16 1.0 14.8 369 16CCSY 16 G1.0 16 1.0 14.8 369 18XCSY 18 X1.0 18 1.0 15.5 408 18GCSY 18 G1.0 18 1.0 15.5 408 20XCSY 20 X1.0 20 1.0 16.3 442 20CCSY 20 G1.0 20 1.0 16.3 442 20CCSY 20 G1.0 20 1.0 16.3 442 20GCSY 20 G1.0 20 1.0 16.3 442 20GCSY 20 G1.0 20 1.0 16.3 442 20GCSY 20 G1.0 20 1.0 16.3 442 20GSY 2 X1.5 2 1.5 8.6 108 3XDSY 3 X1.5 3 1.5 9.0 124 4XDSY 4 X1.5 4						
16GCSY 16 G1.0 16 1.0 14.8 369 18XCSY 18 X1.0 18 1.0 15.5 408 18GCSY 18 G1.0 18 1.0 15.5 408 20XCSY 20 X1.0 20 1.0 16.3 442 20GCSY 20 G1.0 20 1.0 16.3 442 2XDSY 2 X1.5 2 1.5 8.6 108 3XDSY 3 X1.5 3 1.5 9.0 124 3GDSY 3 G1.5 3 1.5 9.0 124 4XDSY 4 X1.5 4 1.5 9.7 153 4GDSY 4 G1.5 4 1.5 9.7 153 4GDSY 4 G1.5 4 1.5 9.7 153 5DSY 5 X1.5 5 1.5 10.5 181 7CSY 7 X1.5 7 1.5 11.3 215 7GDSY 7 G1.5 7 1.5	14GCSY	14 G1.0	14	1.0	14.1	331
18XCSY 18 X1.0 18 1.0 15.5 408 18GCSY 18 G1.0 18 1.0 15.5 408 20XCSY 20 X1.0 20 1.0 16.3 442 20GCSY 20 G1.0 20 1.0 16.3 442 2XDSY 2 X1.5 2 1.5 8.6 108 3XDSY 3 X1.5 3 1.5 9.0 124 3GDSY 3 G1.5 3 1.5 9.0 124 4XDSY 4 X1.5 4 1.5 9.7 153 4GDSY 4 G1.5 4 1.5 9.7 153 5XDSY 5 X1.5 5 1.5 10.5 181 7XDSY 7 X1.5 7 1.5 10.5 181 7XDSY 7 X1.5 7 1.5 11.3 215 7GDSY 7 G1.5 7 1.5 11.3 215 9XDSY 9 X1.5 9 1.5	16XCSY	16 X1.0	16	1.0	14.8	369
18GCSY 18 G1.0 18 1.0 15.5 408 20XCSY 20 X1.0 20 1.0 16.3 442 20GCSY 20 G1.0 20 1.0 16.3 442 2XDSY 2 X1.5 2 1.5 8.6 108 3XDSY 3 X1.5 3 1.5 9.0 124 3GDSY 3 G1.5 3 1.5 9.0 124 4XDSY 4 X1.5 4 1.5 9.7 153 4GDSY 4 G1.5 4 1.5 9.7 153 5XDSY 5 X1.5 5 1.5 10.5 181 5GDSY 5 G1.5 5 1.5 10.5 181 7XDSY 7 X1.5 7 1.5 11.3 215 7GDSY 7 G1.5 7 1.5 11.3 215 9GDSY 9 X1.5 9 1.5 13.4 285 10XDSY 10 X1.5 10 1.5	16GCSY	16 G1.0	16	1.0	14.8	369
20XCSY 20 X1.0 20 1.0 16.3 442 20GCSY 20 G1.0 20 1.0 16.3 442 2XDSY 2 X1.5 2 1.5 8.6 108 3XDSY 3 X1.5 3 1.5 9.0 124 3GDSY 3 G1.5 3 1.5 9.0 124 4XDSY 4 X1.5 4 1.5 9.7 153 4GDSY 4 G1.5 4 1.5 9.7 153 5XDSY 5 X1.5 5 1.5 10.5 181 5GDSY 5 G1.5 5 1.5 10.5 181 7XDSY 7 X1.5 7 1.5 11.3 215 7GDSY 7 G1.5 7 1.5 11.3 215 9GDSY 9 X1.5 9 1.5 13.4 285 10XDSY 10 X1.5 10 1.5 14.2 321 10GDSY 10 X1.5 10 1.5	18XCSY	18 X1.0	18	1.0	15.5	408
20GCSY 20 G1.0 20 1.0 16.3 442 2XDSY 2 X1.5 2 1.5 8.6 108 3XDSY 3 X1.5 3 1.5 9.0 124 3GDSY 3 G1.5 3 1.5 9.0 124 4XDSY 4 X1.5 4 1.5 9.7 153 4GDSY 4 G1.5 4 1.5 9.7 153 5XDSY 5 X1.5 5 1.5 10.5 181 5GDSY 5 G1.5 5 1.5 10.5 181 7XDSY 7 X1.5 7 1.5 11.3 215 7GDSY 7 G1.5 7 1.5 11.3 215 9XDSY 9 X1.5 9 1.5 13.4 285 9GDSY 9 G1.5 9 1.5 13.4 285 10XDSY 10 X1.5 10 1.5 14.2 321 10GDSY 10 G1.5 10 1.5	18GCSY	18 G1.0	18	1.0	15.5	408
2XDSY 2 X1.5 2 1.5 8.6 108 3XDSY 3 X1.5 3 1.5 9.0 124 3GDSY 3 G1.5 3 1.5 9.0 124 4XDSY 4 X1.5 4 1.5 9.7 153 4GDSY 4 G1.5 4 1.5 9.7 153 5XDSY 5 X1.5 5 1.5 10.5 181 5GDSY 5 G1.5 5 1.5 10.5 181 7XDSY 7 X1.5 7 1.5 11.3 215 7GDSY 7 G1.5 7 1.5 11.3 215 9XDSY 9 X1.5 9 1.5 13.4 285 9GDSY 9 G1.5 9 1.5 13.4 285 10XDSY 10 X1.5 10 1.5 14.2 321 10GDSY 10 G1.5 10 1.5 14.2 321 12XDSY 12 X1.5 12 1.5	20XCSY	20 X1.0	20	1.0	16.3	442
3XDSY 3 X1.5 3 1.5 9.0 124 3GDSY 3 G1.5 3 1.5 9.0 124 4XDSY 4 X1.5 4 1.5 9.7 153 4GDSY 4 G1.5 4 1.5 9.7 153 5XDSY 5 X1.5 5 1.5 10.5 181 5GDSY 5 G1.5 5 1.5 10.5 181 7XDSY 7 X1.5 7 1.5 11.3 215 7GDSY 7 G1.5 7 1.5 11.3 215 9XDSY 9 X1.5 9 1.5 13.4 285 9GDSY 9 G1.5 9 1.5 13.4 285 10XDSY 10 X1.5 10 1.5 14.2 321 10GDSY 10 G1.5 10 1.5 14.2 321 12XDSY 12 X1.5 12 1.5 14.6 352 12GDSY 12 G1.5 12 1.5 14.6 352 14XDSY 14 X1.5 14 1.5 15.3 403 14GDSY 14 G1.5 14 1.5 15.3 403 16GDSY 16 G1.5 16 1.5 16.0<	20GCSY	20 G1.0	20	1.0	16.3	442
3GDSY 3 G1.5 3 1.5 9.0 124 4XDSY 4 X1.5 4 1.5 9.7 153 4GDSY 4 G1.5 4 1.5 9.7 153 5XDSY 5 X1.5 5 1.5 10.5 181 5GDSY 5 G1.5 5 1.5 10.5 181 7XDSY 7 X1.5 7 1.5 11.3 215 7GDSY 7 G1.5 7 1.5 11.3 215 9XDSY 9 X1.5 9 1.5 13.4 285 9GDSY 9 G1.5 9 1.5 13.4 285 10XDSY 10 X1.5 10 1.5 14.2 321 10GDSY 10 G1.5 10 1.5 14.2 321 12XDSY 12 X1.5 12 1.5 14.6 352 12GDSY 12 G1.5 12 1.5 14.6 352 14XDSY 14 X1.5 14 1.5 15.3 403 14GDSY 16 G1.5 16 1.5 16.	2XDSY	2 X1.5	2	1.5	8.6	108
4XDSY 4 X1.5 4 1.5 9.7 153 4GDSY 4 G1.5 4 1.5 9.7 153 5XDSY 5 X1.5 5 1.5 10.5 181 5GDSY 5 G1.5 5 1.5 10.5 181 7XDSY 7 X1.5 7 1.5 11.3 215 7GDSY 7 G1.5 7 1.5 11.3 215 9XDSY 9 X1.5 9 1.5 13.4 285 9GDSY 9 G1.5 9 1.5 13.4 285 10XDSY 10 X1.5 10 1.5 14.2 321 10GDSY 10 G1.5 10 1.5 14.2 321 12XDSY 12 X1.5 12 1.5 14.6 352 12GDSY 12 G1.5 12 1.5 14.6 352 14XDSY 14 X1.5 14 1.5 15.3 403 14GDSY 14 G1.5 14 1.5 15.3 403 16XDSY 16 K1.5 16 1.5 <td< td=""><td>3XDSY</td><td>3 X1.5</td><td>3</td><td>1.5</td><td>9.0</td><td>124</td></td<>	3XDSY	3 X1.5	3	1.5	9.0	124
4GDSY 4 G1.5 4 1.5 9.7 153 5XDSY 5 X1.5 5 1.5 10.5 181 5GDSY 5 G1.5 5 1.5 10.5 181 7XDSY 7 X1.5 7 1.5 11.3 215 7GDSY 7 G1.5 7 1.5 11.3 215 9XDSY 9 X1.5 9 1.5 13.4 285 9GDSY 9 G1.5 9 1.5 13.4 285 10XDSY 10 X1.5 10 1.5 14.2 321 10GDSY 10 G1.5 10 1.5 14.2 321 12XDSY 12 X1.5 12 1.5 14.6 352 12GDSY 12 G1.5 12 1.5 14.6 352 14XDSY 14 X1.5 14 1.5 15.3 403 14GDSY 14 G1.5 14 1.5 15.3 403 16XDSY 16 X1.5 16 1.5 16.0 450 18XDSY 18 X1.5 18 1.5	3GDSY	3 G1.5	3	1.5	9.0	124
SXDSY 5 X1.5 5 1.5 10.5 181 5GDSY 5 G1.5 5 1.5 10.5 181 7XDSY 7 X1.5 7 1.5 11.3 215 7GDSY 7 G1.5 7 1.5 11.3 215 9XDSY 9 X1.5 9 1.5 13.4 285 9GDSY 9 G1.5 9 1.5 13.4 285 10XDSY 10 X1.5 10 1.5 14.2 321 10GDSY 10 G1.5 10 1.5 14.2 321 12XDSY 12 X1.5 12 1.5 14.6 352 12GDSY 12 G1.5 12 1.5 14.6 352 14XDSY 14 X1.5 14 1.5 15.3 403 14GDSY 14 G1.5 14 1.5 15.3 403 16XDSY 16 X1.5 16 1.5 16.0 450 18XDSY 18 X1.5 18	4XDSY	4 X1.5	4	1.5	9.7	153
5GDSY 5 G1.5 5 1.5 10.5 181 7XDSY 7 X1.5 7 1.5 11.3 215 7GDSY 7 G1.5 7 1.5 11.3 215 9XDSY 9 X1.5 9 1.5 13.4 285 9GDSY 9 G1.5 9 1.5 13.4 285 10XDSY 10 X1.5 10 1.5 14.2 321 10GDSY 10 G1.5 10 1.5 14.2 321 12XDSY 12 X1.5 12 1.5 14.6 352 12GDSY 12 G1.5 12 1.5 14.6 352 14XDSY 14 X1.5 14 1.5 15.3 403 14GDSY 14 G1.5 14 1.5 15.3 403 16XDSY 16 X1.5 16 1.5 16.0 450 18XDSY 18 X1.5 18 1.5 16.8 499 18GDSY 18 G1.5 18	4GDSY	4 G1.5	4	1.5	9.7	153
7XDSY 7 X1.5 7 1.5 11.3 215 7GDSY 7 G1.5 7 1.5 11.3 215 9XDSY 9 X1.5 9 1.5 13.4 285 9GDSY 9 G1.5 9 1.5 13.4 285 10XDSY 10 X1.5 10 1.5 14.2 321 10GDSY 10 G1.5 10 1.5 14.2 321 12XDSY 12 X1.5 12 1.5 14.6 352 12GDSY 12 G1.5 12 1.5 14.6 352 14XDSY 14 X1.5 14 1.5 15.3 403 14GDSY 14 G1.5 14 1.5 15.3 403 16XDSY 16 X1.5 16 1.5 16.0 450 18XDSY 18 X1.5 18 1.5 16.8 499 18GDSY 18 G1.5 18 1.5 16.8 499 20XDSY 20 X1.5 20	5XDSY	5 X1.5	5	1.5	10.5	181
7GDSY 7 G1.5 7 1.5 11.3 215 9XDSY 9 X1.5 9 1.5 13.4 285 9GDSY 9 G1.5 9 1.5 13.4 285 10XDSY 10 X1.5 10 1.5 14.2 321 10GDSY 10 G1.5 10 1.5 14.2 321 12XDSY 12 X1.5 12 1.5 14.6 352 12GDSY 12 G1.5 12 1.5 14.6 352 14XDSY 14 X1.5 14 1.5 15.3 403 14GDSY 14 G1.5 14 1.5 15.3 403 16XDSY 16 X1.5 16 1.5 16.0 450 18XDSY 18 X1.5 18 1.5 16.8 499 18GDSY 18 G1.5 18 1.5 16.8 499 20XDSY 20 X1.5 20 1.5 17.7 543 20GDSY 20 G1.5 20	5GDSY	5 G1.5	5	1.5	10.5	181
9XDSY 9 X1.5 9 1.5 13.4 285 9GDSY 9 G1.5 9 1.5 13.4 285 10XDSY 10 X1.5 10 1.5 14.2 321 10GDSY 10 G1.5 10 1.5 14.2 321 12XDSY 12 X1.5 12 1.5 14.6 352 12GDSY 12 G1.5 12 1.5 14.6 352 14XDSY 14 X1.5 14 1.5 15.3 403 14GDSY 14 G1.5 14 1.5 15.3 403 16XDSY 16 X1.5 16 1.5 16.0 450 18XDSY 18 X1.5 18 1.5 16.8 499 18GDSY 18 G1.5 18 1.5 16.8 499 20XDSY 20 X1.5 20 1.5 17.7 543 20GDSY 20 G1.5 20 1.5 17.7 543	7XDSY	7 X1.5	7	1.5	11.3	215
9GDSY 9 G1.5 9 1.5 13.4 285 10XDSY 10 X1.5 10 1.5 14.2 321 10GDSY 10 G1.5 10 1.5 14.2 321 12XDSY 12 X1.5 12 1.5 14.6 352 12GDSY 12 G1.5 12 1.5 14.6 352 14XDSY 14 X1.5 14 1.5 15.3 403 14GDSY 14 G1.5 14 1.5 15.3 403 16XDSY 16 X1.5 16 1.5 16.0 450 16GDSY 16 G1.5 16 1.5 16.0 450 18XDSY 18 X1.5 18 1.5 16.8 499 18GDSY 18 G1.5 18 1.5 16.8 499 20XDSY 20 X1.5 20 1.5 17.7 543 20GDSY 20 G1.5 20 1.5 17.7 543	7GDSY	7 G1.5	7	1.5	11.3	215
10XDSY 10 X1.5 10 1.5 14.2 321 10GDSY 10 G1.5 10 1.5 14.2 321 12XDSY 12 X1.5 12 1.5 14.6 352 12GDSY 12 G1.5 12 1.5 14.6 352 14XDSY 14 X1.5 14 1.5 15.3 403 14GDSY 14 G1.5 14 1.5 15.3 403 16XDSY 16 X1.5 16 1.5 16.0 450 16GDSY 16 G1.5 16 1.5 16.0 450 18XDSY 18 X1.5 18 1.5 16.8 499 18GDSY 18 G1.5 18 1.5 16.8 499 20XDSY 20 X1.5 20 1.5 17.7 543 20GDSY 20 G1.5 20 1.5 17.7 543	9XDSY	9 X1.5	9	1.5	13.4	285
10GDSY 10 G1.5 10 1.5 14.2 321 12XDSY 12 X1.5 12 1.5 14.6 352 12GDSY 12 G1.5 12 1.5 14.6 352 14XDSY 14 X1.5 14 1.5 15.3 403 14GDSY 14 G1.5 14 1.5 15.3 403 16XDSY 16 X1.5 16 1.5 16.0 450 16GDSY 16 G1.5 16 1.5 16.0 450 18XDSY 18 X1.5 18 1.5 16.8 499 18GDSY 18 G1.5 18 1.5 16.8 499 20XDSY 20 X1.5 20 1.5 17.7 543 20GDSY 20 G1.5 20 1.5 17.7 543	9GDSY	9 G1.5	9	1.5	13.4	285
12XDSY 12 X1.5 12 1.5 14.6 352 12GDSY 12 G1.5 12 1.5 14.6 352 14XDSY 14 X1.5 14 1.5 15.3 403 14GDSY 14 G1.5 14 1.5 15.3 403 16XDSY 16 X1.5 16 1.5 16.0 450 16GDSY 16 G1.5 16 1.5 16.0 450 18XDSY 18 X1.5 18 1.5 16.8 499 18GDSY 18 G1.5 18 1.5 16.8 499 20XDSY 20 X1.5 20 1.5 17.7 543 20GDSY 20 G1.5 20 1.5 17.7 543	10XDSY	10 X1.5	10	1.5	14.2	321
12GDSY 12 G1.5 12 1.5 14.6 352 14XDSY 14 X1.5 14 1.5 15.3 403 14GDSY 14 G1.5 14 1.5 15.3 403 16XDSY 16 X1.5 16 1.5 16.0 450 16GDSY 16 G1.5 16 1.5 16.0 450 18XDSY 18 X1.5 18 1.5 16.8 499 18GDSY 18 G1.5 18 1.5 16.8 499 20XDSY 20 X1.5 20 1.5 17.7 543 20GDSY 20 G1.5 20 1.5 17.7 543	10GDSY	10 G1.5	10	1.5	14.2	321
14XDSY 14 X1.5 14 1.5 15.3 403 14GDSY 14 G1.5 14 1.5 15.3 403 16XDSY 16 X1.5 16 1.5 16.0 450 16GDSY 16 G1.5 16 1.5 16.0 450 18XDSY 18 X1.5 18 1.5 16.8 499 18GDSY 18 G1.5 18 1.5 16.8 499 20XDSY 20 X1.5 20 1.5 17.7 543 20GDSY 20 G1.5 20 1.5 17.7 543	12XDSY	12 X1.5	12	1.5	14.6	352
14GDSY 14 G1.5 14 1.5 15.3 403 16XDSY 16 X1.5 16 1.5 16.0 450 16GDSY 16 G1.5 16 1.5 16.0 450 18XDSY 18 X1.5 18 1.5 16.8 499 18GDSY 18 G1.5 18 1.5 16.8 499 20XDSY 20 X1.5 20 1.5 17.7 543 20GDSY 20 G1.5 20 1.5 17.7 543	12GDSY	12 G1.5	12	1.5	14.6	352
16XDSY 16 X1.5 16 1.5 16.0 450 16GDSY 16 G1.5 16 1.5 16.0 450 18XDSY 18 X1.5 18 1.5 16.8 499 18GDSY 18 G1.5 18 1.5 16.8 499 20XDSY 20 X1.5 20 1.5 17.7 543 20GDSY 20 G1.5 20 1.5 17.7 543	14XDSY	14 X1.5	14	1.5	15.3	403
16GDSY 16 G1.5 16 1.5 16.0 450 18XDSY 18 X1.5 18 1.5 16.8 499 18GDSY 18 G1.5 18 1.5 16.8 499 20XDSY 20 X1.5 20 1.5 17.7 543 20GDSY 20 G1.5 20 1.5 17.7 543	14GDSY	14 G1.5	14	1.5	15.3	403
18XDSY 18 X1.5 18 1.5 16.8 499 18GDSY 18 G1.5 18 1.5 16.8 499 20XDSY 20 X1.5 20 1.5 17.7 543 20GDSY 20 G1.5 20 1.5 17.7 543	16XDSY	16 X1.5	16	1.5	16.0	450
18GDSY 18 G1.5 18 1.5 16.8 499 20XDSY 20 X1.5 20 1.5 17.7 543 20GDSY 20 G1.5 20 1.5 17.7 543	16GDSY	16 G1.5	16	1.5	16.0	450
20XDSY 20 X1.5 20 1.5 17.7 543 20GDSY 20 G1.5 20 1.5 17.7 543	18XDSY	18 X1.5	18	1.5	16.8	499
20GDSY 20 G1.5 20 1.5 17.7 543	18GDSY	18 G1.5	18	1.5	16.8	499
	20XDSY	20 X1.5	20	1.5	17.7	543
2XESY 2 X2.5 2 2.5 10.4 159	20GDSY	20 G1.5	20	1.5	17.7	543
	2XESY	2 X2.5	2	2.5	10.4	159

Part Code	Cable Description	No. Of Cores	Nom. Conductor Size (mm²)	Nom. Cable Diameter (mm)	Nom. Cable Weight (kg/km)
3XESY	3 X2.5	3	2.5	11.0	191
3GESY	3 G2.5	3	2.5	11.0	191
4XESY	4 X2.5	4	2.5	11.9	233
4GESY	4 G2.5	4	2.5	11.9	233
5XESY	5 X2.5	5	2.5	12.9	278



BELDEN Data Sheet – Armored (SY) PVC Control Cable SENDING ALL THE RIGHT SIGNALS®

5GESY 7XESY 7GESY 9XESY 9GESY 10XESY 10GESY 12XESY 12GESY	5 G2.5 7 X2.5 7 G2.5 9 X2.5 9 G2.5 10 X2.5 10 G2.5 12 X2.5 12 G2.5	5 7 7 9 9 10 10	2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	12.9 14.2 14.2 17.1 17.1 17.8	278 353 353 459 459
7GESY 9XESY 9GESY 10XESY 10GESY 12XESY 12GESY	7 G2.5 9 X2.5 9 G2.5 10 X2.5 10 G2.5 12 X2.5	7 9 9 10 10	2.5 2.5 2.5 2.5	14.2 17.1 17.1	353 459 459
9XESY 9GESY 10XESY 10GESY 12XESY 12GESY	9 X2.5 9 G2.5 10 X2.5 10 G2.5 12 X2.5	9 9 10 10	2.5 2.5 2.5	17.1 17.1	459 459
9GESY 10XESY 10GESY 12XESY 12GESY	9 G2.5 10 X2.5 10 G2.5 12 X2.5	9 10 10	2.5 2.5	17.1	459
10XESY 10GESY 12XESY 12GESY	10 X2.5 10 G2.5 12 X2.5	10 10	2.5		
10GESY 12XESY 12GESY	10 G2.5 12 X2.5	10		17.8	
12XESY 12GESY	12 X2.5		2.5		505
12GESY		12		17.8	505
	12 G2.5		2.5	18.4	568
1FXESY	+	12	2.5	18.4	568
	14 X2.5	14	2.5	19.3	641
1FGESY	14 G2.5	14	2.5	19.3	641
1GXESY	16 X2.5	16	2.5	20.3	719
1GGESY	16 G2.5	16	2.5	20.3	719
18XESY	18 X2.5	18	2.5	21.4	801
18GESY	18 G2.5	18	2.5	21.4	801
20XESY	20 X2.5	20	2.5	22.6	873
20GESY	20 G2.5	20	2.5	22.6	873
2XFSY	2 X4	2	4	11.9	218
3XFSY	3 X4	3	4	12.6	268
3GFSY	3 G4	3	4	12.6	268
FXFSY	4 X4	4	4	13.9	341
FGFSY	4 G4	4	4	13.9	341
5XFSY	5 X4	5	4	15.1	410
5GFSY	5 G4	5	4	15.1	410
7XFSY	7 X4	7	4	16.4	514
7GFSY	7 G4	7	4	16.4	514
9XFSY	9 X4	9	4	19.9	671
9GFSY	9 G4	9	4	19.9	671
10XFSY	10 X4	10	4	20.8	740
10GFSY	10 G4	10	4	20.8	740
12XFSY	12 X4	12	4	21.5	839
12GFSY	12 G4	12	4	21.5	839
2XGSY	2 X6	2	6	14.0	308
3XGSY	3 X6	3	6	14.9	384
3GGSY	3 G6	3	6	14.9	384
FXGSY	4 X6	4	6	16.2	477
FGGSY	4 G6	4	6	16.2	477
5XGSY	5 X6	5	6	17.7	578
5GGSY	5 G6	5	6	17.7	578



BELDEN Data Sheet – Armored (SY) PVC Control Cable SENDING ALL THE RIGHT SIGNALS®

7XGSY	7 X6	7	6	19.3	731
7GGSY	7 G6	7	6	19.3	731
9XGSY	9 X6	9	6	23.5	958
Part Code	Cable	No. Of	Nom. Conductor	Nom. Cable	Nom. Cable Weight
Part Code	Description	Cores	Size (mm²)	Diameter (mm)	(kg/km)
9GGSY	9 G6	9	6	23.5	958
2XHSY	2 X10	2	10	17.0	456
3XHSY	3 X10	3	10	18.0	574
3GHSY	3 G10	3	10	18.0	574
4XHSY	4 X10	4	10	19.8	721
4GHSY	4 G10	4	10	19.8	721
5XHSY	5 X10	5	10	21.7	878
5GHSY	5 G10	5	10	21.7	878
7XHSY	7 X10	7	10	23.7	1119
7GHSY	7 G10	7	10	23.7	1119
9XHSY	9 X10	9	10	29.1	1473
9GHSY	9 G10	9	10	29.1	1473
2X1GSY	2 X16	2	16	20.1	666
3X1GSY	3 X16	3	16	21.4	851
3G1GSY	3 G16	3	16	21.4	851
4X1GSY	4 X16	4	16	23.6	1077
4G1GSY	4 G16	4	16	23.6	1077
5X1GSY	5 X16	5	16	25.9	1321
5G1GSY	5 G16	5	16	25.9	1321
7X1GSY	7 X16	7	16	28.4	1700
7G1GSY	7 G16	7	16	28.4	1700
2XJSY	2 X25	2	25	24.2	985
3XJSY	3 X25	3	25	25.9	1273
3GJSY	3 G25	3	25	25.9	1273
4XJSY	4 X25	4	25	28.6	1622
4GJSY	4 G25	4	25	28.6	1622
5XJSY	5 X25	5	25	31.2	1982
5GJSY	5 G25	5	25	31.2	1982
7XJSY	7 X25	7	25	33.9	2533
7GJSY	7 G25	7	25	33.9	2533
2X35SY	2 X35	2	35	27.6	1268
3X35SY	3 X35	3	35	29.5	1644
3G35SY	3 G35	3	35	29.5	1644
4X35SY	4 X35	4	35	32.2	2072

4G35SY 4 G35 4	35	32.2	2072
----------------	----	------	------

Sheath / Jacket Colour

Colour **Colour Code**

1) Grey (RAL 7001)

368

G8U

2) Transparent*

3) Black

010

4) Blue

006

Orange

003 6) Violet

007

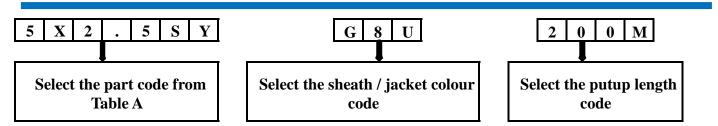
Packaging

Put-up Length

Putup Length	Putup Length Code
--------------	-------------------

1) 50 Meters 050M 100M 2) 100 Meters 200M 3) 200 Meters* 4) 300 Meters* 300M

Stock Code Selection Procedure:



^{*} Transparent jacket colour by default will have a Grey (RAL 7001) inner jacket colour. For all other colours the inner and outer jacket colour will be the same. Special colours can also be provided upon request

^{*}Belden can offer these cables with various packing options like coiled, plastic or wooden reels. This will be decided at the discretion of Belden based on the cable design and structure.

^{*}Applicable only for certain part codes, please check with Belden for more information.



