







## Synoptic table

Cable	Jacket	Insulation	Shield	Number of cores	Cross section ( mm <sup>2</sup> )	Bending radius self-supporting ( factor x Ø )	Bending radius long travel distance ( factor x Ø )
<b>MULTICONDUCTOR CABLE</b>							
 BC400	PVC	PVC		3 - 25	0,5 - 6	10	
BC401	PVC	PVC	✓	3 - 25	0,5 - 4	10	
BC406	PVC	TPE		2 - 37	0,25 - 0,34	7,5	10
BC407	PVC	TPE	✓	2 - 37	0,25 - 0,34	7,5	10
BC408	PVC	PVC		3 - 25	0,5 - 6	7,5	10
BC409	PVC	PVC	✓	3 - 25	0,5 - 6	7,5	10
BC410	PVC	PVC		3 - 25	0,34 - 16	7,5	10
BC411	PVC	PVC	✓	2 - 25	0,34 - 16	7,5	10
BC418	PUR	TPE-E		3 - 25	0,34 - 4	5	7,5
BC419	PUR	TPE-E	✓	3 - 25	0,25 - 2,5	5	7,5
BC412	PVC	PVC	✓	4 - 12	0,25 - 0,34	7,5	10
BC413	PUR	TPE	✓	4 - 20	0,25 - 0,5	5	7,5
BC417	PUR	TPO	✓	8 - 24	0,5 - 2,5	10	10
<b>SERVO MOTOR CABLES</b>							
 BC420N	PUR	TPO		4 - 5	2,5 - 35	10	10
BC421N	PUR	TPO	✓	4	2,5 - 25	10	10
BC423LC	PVC	Teo flexene®	✓	4	1,5 - 50	10	15
BC423ALC	PVC	Teo flexene®	✓	6	1,5 - 50	10	15
BC421LC	PUR	Teo flexene®	✓	4	1,5 - 50	7,5	10
BC430LC	PUR	Teo flexene®	✓	4	0,75 - 50	7,5	10
BC435LC	PUR	Teo flexene®	✓	4	1,5 - 50	7,5	10
BC427	PVC	PVC		1	6 - 95	10	10
BC427C	PVC	PVC	✓	1	6 - 95	10	10
BC425	PUR	TPE-E		1	10 - 240	7,5	7,5
BC426	PUR	TPE-E	✓	1	10 - 240	7,5	7,5
BC428	PUR	TPO		3	10 - 95	10	10
BC429	PUR	TPO	✓	3	10 - 50	10	10
<b>HARNESSED SERVO MOTOR CABLES</b>							
 BTC423LC	PVC	Teo flexene®		4	1,5 - 16	10	15
BTC423ALC	PVC	Teo flexene®		6	1,5 - 50	10	15
BTC440	PVC	PP		12	0,14 - 0,50	10	10
BTC421LC	PUR	Teo flexene®		4	1,5 - 16	7,5	10
BTC435LC	PUR	Teo flexene®		6	1,5 - 50	7,5	10
BTC440	PUR	PP		12	0,14 - 0,50	10	10



Max. speed ( m/min )	Max. acceleration ( m/s <sup>2</sup> )	Temperature C°	Nominal voltage (V)	Approvals and standards	Halogen-free	Oil-resistant	UV resistant	Flame retardant	Page
80	2	-10 +80	600	CE UL SP		✓		✓	10
80	2	-10 +80	600	CE UL SP		✓		✓	11
220	10	-5 +80	300	CE UL SP		✓		✓	12
220	10	-5 +80	300	CE UL SP		✓		✓	13
180	10	-5 +90	600-1000	CE UL SP		✓		✓	14
180	10	-5 +90	600-1000	CE UL SP		✓		✓	15
180	10	-10 +80	300-600	CE UL SP		✓		✓	16
180	10	-10 +80	300-600	CE UL SP		✓		✓	17
300	25	-30 +80	300-600	CE UL SP	CCSP	✓	✓	✓	18
300	25	-30 +80	300-600	CE UL SP	CCSP	✓	✓	✓	19
180	10	-10 +80	300	CE UL SP		✓		✓	20
300	25	-30 +80	300	CE UL SP	CCSP	✓	✓	✓	21
240	20	-30 +80	1000	CE UL SP	CCSP	✓	✓	✓	22
240	20	-30 +80	600/1000	CE UL SP	CCSP	✓	✓	✓	24
240	20	-30 +80	600/1000	CE UL SP	CCSP	✓	✓	✓	25
180	15	-15 +80	600/1000	CE UL SP	FA		✓	✓	26
180	15	-15 +80	600/1000	CE UL SP	FA		✓	✓	27
300	50	-30 +80	600/1000	CE UL SP	FA CCSP	✓	✓	✓	28
300	50	-30 +80	600/1000	CE UL SP	FA CCSP	✓	✓	✓	28
300	50	-30 +80	600/1000	CE UL SP	FA CCSP	✓	✓	✓	29
180	10	-10 +80	1000	CE UL		✓		✓	30
180	10	-10 +80	1000	CE UL		✓		✓	31
300	25	-30 +80	600-1000	CE UL	CCSP	✓	✓	✓	32
300	25	-30 +80	600-1000	CE UL	CCSP	✓	✓	✓	33
240	10	-30 +80	600/1000	CE UL SP	CCSP	✓	✓	✓	34
240	10	-30 +80	600/1000	CE UL SP	CCSP	✓	✓	✓	34
180	15	-15 +80	600/1000	CE UL SP	FA		✓	✓	35
180	15	-15 +80	600/1000	CE UL SP	FA		✓	✓	36
180	6	-15 +80		CE UL SP	FA		✓	✓	37
300	50	-30 +80	600/1000	CE UL SP	FA CCSP	✓	✓	✓	38
300	50	-30 +80	600/1000	CE UL SP	FA CCSP	✓	✓	✓	39
240	20	-30 +80		CE UL SP	FA		✓	✓	40



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<b>ENCODER, MEASURING SYSTEM RESOLVER CABLE</b>							
 BC4400001-BC4400020	PUR	TPO	✓	10	0,25 - 1	10	10
BC4400018	PVC	PP	✓	12	0,38 - 0,5	12	12
BC4400002	PUR	PP	✓	12	0,38 - 0,5	11	11
BC4400004-BC4400017	PUR	TPE-E	✓	8	0,14 - 1	10	10
BC4400005	PUR	TPE-E	✓	12	0,14 - 0,5	10	10
BC4400007-BC4400008	PVC	PVC	✓	8	0,25 - 0,35	15	15
BC4400009-BC4400010	PVC	PVC	✓	8	0,25 - 0,35	12	12
BC4400006-16-19	PVC/PUR	PP	✓	12 - 16	0,14 - 0,5	10	10
BC4400011-12-13-14	PUR	PP	✓	6 - 8	0,25 - 0,35	10	10
BC4400015	PUR	TPO	✓	9	0,5	10	10
BC4400023	PUR	PP	✓	12	0,14 - 0,5	10	10
BC4400024	PUR	PP	✓	6	0,15 - 0,38	10	10
BC4400025	PVC	PP	✓	6	0,15 - 0,38	10	10
BC4400022	PUR	PP	✓	16	0,18	12	12
<b>BUS CABLE</b>							
 BC4500001-BC4500002	PVC	Foam	✓	2	24 AWG	-	-
BC4500003-BC4500017	PUR	Foam	✓	2	24 AWG	10	10
BC4500004	PVC	TPO	✓	6	0,22	-	-
BC4500005	PUR	TPO	✓	6	0,22	10	10
BC4500006-BC4500008	PVC	Foam / PVC	✓	4	22-24 AWG	-	-
BC4500007-BC4500014	PUR	Foam / PE	✓	4	22-24 AWG	10	10
BC4500021-BC4500022	PUR	Foam	✓	4 - 8	24 AWG	15	15
BC4500010-BC4500013	PVC/PUR	Foam / PP	✓	5	24 AWG - 0,75	10	10
BC4500011-12-15	PUR	TPO / PP	✓	2 - 4	0,25 - 0,35	10	10
BC500				6 - 24	-	10	10



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240	20	-30 +80	250	CE UL SF PC	✓	✓	✓	✓	42
180	6	-10 +80	250	CE UL SF PC	✓	✓	✓	✓	43
240	20	-30 +80	250	CE UL SF PC	✓	✓	✓	✓	44
240	20	-30 +80	250	CE UL SF PC	✓	✓	✓	✓	45
240	20	-30 +80	250	CE UL SF PC	✓	✓	✓	✓	46
70	3	-10 +80	250	CE UL SF PC	✓	✓	✓	✓	47
160	6	-10 +80	250	CE UL SF PC	✓	✓	✓	✓	48
180 / 240	6 / 20	-10/-30 +80	250	CE UL SF PC	✓	✓	✓	✓	49
240	20	-30 +80	250	CE UL SF PC	✓	✓	✓	✓	50
240	20	-30 +80	250	CE UL SF PC	✓	✓	✓	✓	51
240	20	-30 +80	30	CE UL SF PC	✓	✓	✓	✓	52
240	20	-30 +80	30	CE UL SF PC	✓	✓	✓	✓	53
180	6	-10 +80	30	CE UL SF PC	✓	✓	✓	✓	53
240	20	-30 +80	250	CE UL SF PC	✓	✓	✓	✓	54
		-5 +80		CE UL SF PC	✓	✓	✓	✓	56
240	20	-30 +80		CE UL SF PC	✓	✓	✓	✓	57
		-5 +80		CE UL SF PC	✓	✓	✓	✓	58
240	20	-30 +80		CE UL SF PC	✓	✓	✓	✓	59
		-5 +80		CE UL SF PC	✓	✓	✓	✓	60
240	20	-30 +80		CE UL SF PC	✓	✓	✓	✓	61
240	20	-30 +80		CE UL SF PC	✓	✓	✓	✓	62
60 / 240	2 / 20	-30 +80		CE UL SF PC	✓	✓	✓	✓	63
180	7	-30 +80		CE UL SF PC	✓	✓	✓	✓	64
		-20 +60		CE UL SF PC	✓	✓	✓	✓	65