

## Cable capacity chart

All calculations allow for a 45% space factor. As there can be differences between cable sizes, Bendex recommend that cable dimensions are confirmed with the manufacturing company.

	Stranded PVC BS 7211 1.5mm <sup>2</sup> Power cable (singles)					
	Compartment 1		Compartment 2		Compartment 3	
	No box	With box	No box	With box	No box	With box
Challenger System 1	66	-	201	72	66	-
Challenger System 2	66	-	201	72	80	-
Challenger System 3	80	-	201	72	80	-
	Stranded PVC BS 7211 2.5mm <sup>2</sup> Power cable (singles)					
	Compartment 1		Compartment 2		Compartment 3	
	No box	With box	No box	With box	No box	With box
Challenger System 1	45	-	137	49	45	-
Challenger System 2	45	-	137	49	55	-
Challenger System 3	55	-	137	49	55	-
	Stranded PVC BS 7211 4.0mm <sup>2</sup> Power cable (singles)					
	Compartment 1		Compartment 2		Compartment 3	
	No box	With box	No box	With box	No box	With box
Challenger System 1	34	-	104	37	34	-
Challenger System 2	34	-	104	37	41	-
Challenger System 3	41	-	104	37	41	-
	Data Cable Ø5.5mm					
	Compartment 1		Compartment 2		Compartment 3	
	No box	With box	No box	With box	No box	With box
Challenger System 1	23	-	73	26	23	-
Challenger System 2	23	-	73	26	29	-
Challenger System 3	29	-	73	26	29	-
	Data Cable Ø6.0mm					
	Compartment 1		Compartment 2		Compartment 3	
	No box	With box	No box	With box	No box	With box
Challenger System 1	20	-	61	21	20	-
Challenger System 2	20	-	61	21	24	-
Challenger System 3	24	-	61	21	24	-
	Data Cable Ø6.5mm					
	Compartment 1		Compartment 2		Compartment 3	
	No box	With box	No box	With box	No box	With box
Challenger System 1	17	-	52	18	17	-
Challenger System 2	17	-	52	18	20	-
Challenger System 3	20	-	52	18	20	-
	Data Cable Ø7.0mm					
	Compartment 1		Compartment 2		Compartment 3	
	No box	With box	No box	With box	No box	With box
Challenger System 1	14	-	45	16	14	-
Challenger System 2	14	-	45	16	18	-
Challenger System 3	18	-	45	16	18	-
	Data Cable Ø8.4mm					
	Compartment 1		Compartment 2		Compartment 3	
	No box	With box	No box	With box	No box	With box
Challenger System 1	10	-	31	11	10	-
Challenger System 2	10	-	31	11	12	-
Challenger System 3	12	-	31	11	12	-