

Correction factors for groups of more than one circuit of single core or multicore cables

Referenced Method of Installation		Correction factor													
		Number of Circuits or multicore cables													
		2	3	4	5	6	7	8	9	10	12	14	16	18	20
Single core cables in conduit or bunched & clipped direct to non-metal surface		0.80	0.7	0.65	0.6	0.57	0.54	0.52	0.5	0.48	0.45	0.43	0.41	0.39	0.38
Single layer clipped to non-metal surface	Touching	0.85	0.79	0.75	0.73	0.72	0.72	0.71	0.7	-	-	-	-	-	-
	Spaced	0.94	0.90	0.90	0.90	0.90	0.90	0.90	0.9	0.90	0.90	0.90	0.90	0.90	0.90
Single layer multicore on perforated metal cable tray	Touching	0.86	0.81	0.77	0.75	0.74	0.73	0.73	0.72	0.71	0.7	-	-	-	-
	Spaced	0.91	0.89	0.88	0.87	0.87	-	-	-	-	-	-	-	-	-
Single layer single core on perf. metal cable tray & touching	Horizontal	0.90	0.85	-	-	-	-	-	-	-	-	-	-	-	-
	Vertical	0.85	-	-	-	-	-	-	-	-	-	-	-	-	-
Single layer multicore touching on ladder supports		0.86	0.82	0.80	0.79	0.78	0.78	0.78	0.77	-	-	-	-	-	-

Spaced = horizontal clearance between adjacent cables is at least on cable diameter. Where the horizontal clearance exceeds 2 cable diameters, no correction factor needs to be applied. Current rating of grouped cable must be on the current rating of the cable with the lowest operating temperature in the group.