

Technical Specifications - 2090-Series Motor/Actuator Cables

Power Cable Specifications

Power Cables ⁽¹⁾ Cat. No.	Cable Type/ Jacket Color	Description	Wire Size AWG	Weight, approx kg/m (lb/ft)	Standard Cable Lengths m (ft)		
2090-XXNPMF-16Sxx	Standard (non-flex) cable, Industrial TPE, Black	Four conductor, 600V, shielded cable for three- phase power with additional four conductors, 18 AWG, shielded, for motor brake and spares.	16	0.276 (0.186)	01 (3.2) 07 (22.9) 25 (82.0) 02 (6.5) 09 (29.5) 30 (98.4) 03 (9.8) 12 (39.4) 40 (131.2) 04 (13.1) 15 (49.2) 60 (196.8) 05 (16.4) 20 (65.6) 90 (295.3)		
2090-XXNPMF-14Sxx			14	0.315 (0.212)			
2090-CPBM7DF-16AAxx	Standard (non-flex) cable, Industrial TPE, Orange (DESINA, RAL 2003)	Four conductor, 600V, shielded cable for three- phase power with additional two conductors 18 AWG for motor brake.	16	0.212 (0.143)			
2090-CPBM7DF-14AAxx			14	0.261 (0.175)			
2090-CPBM7DF-12AAxx			12	0.349 (0.235)			
2090-CPBM7DF-10AAxx			10	0.492 (0.331)			
2090-CPBM7DF-08AAxx			8	0.708 (0.476)			
2090-CPBM7DF-06AAxx			6	1.038 (0.698)			
2090-CPBM7DF-04AAxx			4	1.549 (1.041)			
2090-CPBM7DF-02AAxx			2	2.166 (1.455)			
2090-CPWM7DF-16AAxx	Standard (non-flex) cable, Industrial TPE, Black	Four conductor, 600V, shielded cable for three- phase power.	16	0.136 (0.091)			
2090-CPWM7DF-14AAxx			14	0.185 (0.124)			
2090-CPWM7DF-12AAxx			12	0.248 (0.167)			
2090-CPWM7DF-10AAxx			10	0.418 (0.281)			
2090-CPWM7DF-08AAxx			8	0.644 (0.433)			
2090-CPWM6DF-16AAxx			16	0.138 (0.093)			
2090-DANPT-16Sxx	16	0.180 (0.121)	01 (3.2) 05 (16.4) 15 (49.2) 02 (6.5) 07 (22.9) 20 (65.6) 03 (9.8) 09 (29.5) 25 (82.0) 04 (13.1) 12 (39.4) 30 (98.4)				
2090-CPBM6DF-16AAxx	Continuous-flex cable	Four conductor, 600V, shielded cable for three- phase power with additional two conductors 18 AWG for motor brake.	16	0.228 (0.153)			
2090-CPBM7DF-16AFxx			16	01 (3.2) 09 (29.5) 40 (131.2) 02 (6.5) 12 (39.4) 50 (164.0) 03 (9.8) 15 (49.2) 60 (196.8) 04 (13.1) 20 (65.6) 75 (264.0) 05 (16.4) 25 (82.0) 90 (295.3) 07 (22.9) 30 (98.4)			
2090-CPBM7DF-14AFxx			14		0.289 (0.194)		
2090-CPBM7DF-10AFxx			10		0.513 (0.345)		
2090-CPBM7DF-08AFxx		8	0.697 (0.468)				
2090-CPWM4DF-16AFxx		Industrial TPE, Orange (DESINA, RAL 2003)	Four conductor, 600V, shielded cable for three- phase power.		16	0.154 (0.104)	
2090-CPWM7DF-16AFxx					16	01 (3.2) 09 (29.5) 40 (131.2) 02 (6.5) 12 (39.4) 50 (164.0) 03 (9.8) 15 (49.2) 60 (196.8) 04 (13.1) 20 (65.6) 75 (264.0) 05 (16.4) 25 (82.0) 90 (295.3) 07 (22.9) 30 (98.4)	
2090-CPWM7DF-14AFxx					14		0.196 (0.132)
2090-CPWM7DF-10AFxx					10		0.452 (0.304)
2090-CPWM7DF-08AFxx					8		0.666 (0.448)

(1) 2090-CPxM4DF-xxAxxx and 2090-CPxM7DF-xxAxxx power cables are UL Listed, bulk cable, type TC-ER.