

MMD Reel, Magnet Application

AWG	COND	MMD reel: 30 FT. M	MMD reel: 40 FT. M	MMD reel: 50 FT. M	MMD reel: 60 FT. M	MMD reel: 70 FT. M	MMD reel: 80 FT. M
8	2W	MMD21-1001-220-16-1	MMD21-1001-220-16-1	MMD21-1001-220-16-1	MMD28-1001-220-23-1	MMD28-1001-220-23-1	MMD32-1001-220-27-1
6	2W	MMD21-1001-220-16-1	MMD21-1001-220-16-1	MMD24-1001-220-17-1	MMD28-1001-220-23-1	MMD28-1001-220-23-1	MMD21-1002-220-10-D-1
4	2W	MMD21-1001-220-15-1	MMD21-1001-220-13-1	MMD24-1001-220-16-2	MMD28-1002-220-22-1	MMD32-1002-220-23-1	MMD32-1003-220-26-1
2	2W	MMD21-1001-220-11-1	MMD24-1001-220-11-2	MMD24-1002-220-12-1	MMD28-1003-220-18-1	MMD32-1003-220-22-1	MMD28-1004-220-15-B-1
1	2W	MMD21-1001-220-11-1	MMD24-1001-220-11-2	MMD28-1002-220-20-1	MMD28-1002-220-18-1	MMD32-1003-220-22-1	MMD28-1004-220-18-B-1
1/0	2W	MMD24-1001-220-13-5	MMD28-1002-220-20-1	MMD28-1002-220-16-2	MMD28-1003-220-17-1	MMD32-1003-220-20-1	

AWG	COND	MMD reel: 90 FT. M	MMD reel: 100 FT. M	MMD reel: 120 FT. M	MMD reel: 140 FT. M	MMD reel: 160 FT. M	MMD reel: 180 FT. M
8	2W	MMD21-1002-220-13-D-1	MMD21-1002-220-11-F-1	MMD24-1002-220-10-F-1	MMD28-1003-220-22-D-1	MMD32-1004-220-26-V-1	
6	2W	MMD21-1002-220-10-E-1	MMD21-1002-220-8-F-1	MMD24-1002-220-8-F-1	MMD28-1004-220-21-K-1	MMD32-1004-220-9-Y-1	
4	2W	MMD24-1003-220-9-K-1	MMD28-1004-220-17-C-1				
2	2W						
1	2W						
1/0	2W						

SM Reel, Magnet Application

AWG	COND	SM reel: 30 FT. M	SM reel: 40 FT. M	SM reel: 50 FT. M	SM reel: 60 FT. M	SM reel: 70 FT. M	SM reel: 80 FT. M
8	2W	SM21-1001-220-16-M-1	SM21-1001-220-16-M-1	SM21-1001-220-16-M-1	SM21-1001-220-15-N-1	SM21-1001-220-8-R-1	SM21-1002-220-13-Q-1
6	2W	SM21-1001-220-16-M-1	SM21-1001-220-16-M-1	SM21-1001-220-14-M-1	SM21-1001-220-14-N-1	SM21-1002-220-12-Q-1	SM21-1002-220-10-R-1
4	2W	SM21-1001-220-15-M-5	SM21-1001-220-11-M-2	SM21-1002-220-11-M-1	SM21-1002-220-11-N-1	SM24-1003-220-14-V-1	SM24-1003-220-9-W-2
2	2W	SM21-1002-220-11-M-1	SM24-1002-220-12-M-1	SM24-1002-220-12-M-1	SM28-1003-220-15-T-1	SM28-1004-220-12-V-1	SM32-1005-220-21-T-1
1	2W	SM21-1002-220-11-M-1	SM24-1002-220-11-M-1	SM28-1002-220-12-M-1	SM28-1003-220-15-T-1	SM28-1004-220-14-V-2	SM28-1004-220-13-V-1
1/0	2W	SM24-1002-220-13-M-2	SM28-1002-220-12-M-3	SM28-1003-220-15-T-3	SM28-1003-220-13-T-1	SM32-1005-220-20-T-1	SM32-1005-220-12-V-1

AWG	COND	SM reel: 100 FT. M	SM reel: 120 FT. M	SM reel: 140 FT. M	SM reel: 160 FT. M	SM reel: 180 FT. M	SM reel: 200 FT. M
8	2W	SM21-1002-220-8-S-2	SM21-1003-220-9-Y-1	SM24-1004-220-12-Y-1	SM32-1005-220-25-W-1	SM32-1006-220-17-Y-1	SM32-1007-220-19-Y-1
6	2W	SM21-1003-220-8-Y-1	SM24-1003-220-8-Y-1	SM32-1005-220-21-W-1	SM32-1006-220-24-W-1	SM32-1007-220-16-Y-1	
4	2W	SM32-1005-220-20-V-1	SM32-1007-220-16-W-1	SM32-1008-220-9-Y-1			
2	2W	SM32-1007-220-11-W-1					
1	2W	SM32-1007-220-18-V-1					
1/0	2W						

Model Explanation* and Cable Connection Requirements

Use the following guide to determine the amount of extra cable required to allow for one dead wrap around the drum, cable through the shaft, and cable connections to the ring leads. Locate the reel's drum diameter (left column) and collector assembly (top). Where they cross is the required extra cable length in feet.

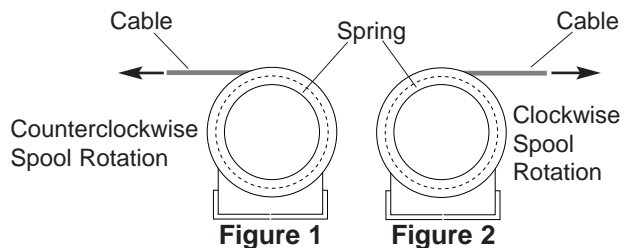
EXAMPLE: **MMD 21 100 1 - 2 3 - 14 - G** - 1**

Series* Frame Size Spring Motor Number of Springs Number Poles Ampacity Core Diameter Gear Ratio** Pretension Turns

* Model number explanation applies to both MMD and SM reels.
** Blank for Direct Drive reels

Drum Dia.	Collector Assembly																						
	23	33	43	63	83	103	123	143	163	183	203	243	303	363	27	37	47	212	412	220	320	420	
8	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Extra Cable Required (feet)																							

Standard rotation unspools cable with spool revolving counterclockwise when viewed from **spring side** (Fig. 1).



For opposite (clockwise) rotation (Fig. 2) add the letter "R" following "Number of Springs".

EXAMPLE:
SM211001R-412-10-M-4