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Toll-Free (800) 690-3408

An ISO 9001 Management System

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PRODUCT GROUP DATA SHEET

<u>PRODUCT OVERVIEW:</u>	UL 2464 Overall Shielded Multi-Conductor
CONSTRUCTION:	Overall Shielded Jacket
APPROVALS:	(UL) NEC Type CM 80°C, Article 800, AWM Style 2464, 300 Volt 80°C, CSA AWM I/II A/B FT4, 300 Volt 80°C
APPLICATION:	Communication and Control Cable

CONSTRUCTION PARAMETERS:

CONDUCTOR:	Tinned Copper
INSULATION MATERIAL:	PVC
OUTER JACKET MATERIAL:	PVC
SHIELD:	Overall Aluminum/Polyester Tape
DRAIN WIRE:	Stranded Tinned Copper

ELECTRICAL & ENVIRONMENTAL PROPERTIES:

TEMPERATURE RATING:	-20°c to 80°c
OPERATING VOLTAGE:	300v

Part Number	AWG	No. of Cond.	Conductor Stranding	PVC Insul. Material	Insulation Thickness	Outer Jacket Thickness	Finished O.D. (nom)	Quabbin EQ Part #
CM-2100	12	2	19/.0185		0.032"	0.032"	0.370"	
CM-2101	12	4	19/.0185		0.032"	0.032"	0.434"	
CM-3100	14	2	19/.0147		0.032"	0.032"	0.326"	
CM-3101	14	4	19/.0147		0.032"	0.032"	0.391"	
CM-3102	14	5	19/.0147		0.032"	0.032"	0.428"	
CM-3103	14	7	19/.0147		0.032"	0.032"	0.469"	
CM-4100	16	2	19/.0117		0.021"	0.032"	0.268"	
CM-4101	16	3	19/.0117		0.021"	0.032"	0.283"	
CM-4102	16	4	19/.0117		0.021"	0.032"	0.306"	
CM-4103	16	5	19/.0117		0.021"	0.032"	0.334"	
CM-4104	16	7	19/.0117		0.021"	0.032"	0.364"	
CM-4105	16	8	19/.0117		0.021"	0.032"	0.395"	
CM-4106	16	9	19/.0117		0.021"	0.032"	0.425"	
CM-4107	16	12	19/.0117		0.021"	0.032"	0.479"	
CM-4108	16	3	26/30		0.017"	0.032"	0.290"	
CM-5100*	18	2	16/30		0.016"	0.025"	0.210"	
CM-5101	18	3	16/30		0.016"	0.032"	0.236"	
CM-5101Q	18	3	16/30	Semi-Rigid	0.010"	0.032"	0.206"	4174
CM-5102	18	4	16/30		0.016"	0.032"	0.258"	
CM-5102Q	18	4	16/30	Semi-Rigid	0.010"	0.032"	0.236"	4175
CM-5103	18	5	16/30		0.016"	0.032"	0.280"	
CM-5104	18	7	16/30		0.016"	0.032"	0.309"	
CM-5105	18	9	16/30		0.016"	0.032"	0.358"	
CM-5106	18	12	16/30		0.016"	0.032"	0.401"	
CM-5107	18	6	16/30		0.010"	0.032"	0.259"	
CM-5107Q	18	6	16/30	Semi-Rigid	0.010"	0.032"	0.259"	4177
CM-5108Q	18	8	16/30	Semi-Rigid	0.010"	0.032"	0.284"	4178
CM-5109Q	18	10	16/30	Semi-Rigid	0.010"	0.032"	0.308"	4179
CM-6100*	20	2	7/28		0.016"	0.031"	0.198"	
CM-6100Q	20	2	7/28	Premium	0.013"	0.032"	0.198"	4530
CM-6101	20	3	7/28		0.016"	0.032"	0.216"	
CM-6102	20	4	7/28		0.016"	0.032"	0.235"	
CM-6103	20	5	7/28		0.016"	0.032"	0.254"	
CM-6104	20	7	7/28		0.016"	0.032"	0.275"	
CM-6105	20	9	7/28		0.016"	0.032"	0.317"	

Part Number	AWG	No. of Cond.	Conductor Stranding	PVC Insul. Material	Insulation Thickness	Outer Jacket Thickness	Finished O.D. (nom)	Quabbin EQ P/N
CM-6106	20	12	7/28		0.016"	0.032"	0.354"	
CM-7100*	22	2	7/30		0.010"	0.032"	0.164"	
CM-7100Q	22	2	7/30	Semi-Rigid	0.013"	0.032"	0.173"	4520
CM-7100QA	22	2	7/30		0.010"	0.032"	0.164"	
CM-7101**	22	3	7/30		0.010"	0.032"	0.176"	
CM-7101Q	22	3	7/30	Premium	0.010"	0.032"	0.175"	7520
CM-7102	22	4	7/30		0.010"	0.032"	0.189"	
CM-7102Q	22	4	7/30	Semi-Rigid	0.010"	0.032"	0.190"	7525
CM-7103	22	5	7/30		0.010"	0.032"	0.203"	
CM-7104	22	6	7/30		0.010"	0.032"	0.218"	
CM-7104Q	22	6	7/30	Semi-Rigid	0.010"	0.032"	0.212"	7535
CM-7105	22	7	7/30		0.010"	0.032"	0.218"	
CM-7105Q	22	7	7/30	Semi-Rigid	0.010"	0.032"	0.217"	7540
CM-7106	22	8	7/30		0.010"	0.032"	0.234"	
CM-7106Q	22	8	7/30	Semi-Rigid	0.010"	0.032"	0.242"	7545
CM-7107	22	9	7/30		0.010"	0.032"	0.265"	
CM-7108	22	10	7/30		0.010"	0.032"	0.268"	
CM-7108Q	22	10	7/30	Semi-Rigid	0.010"	0.032"	0.253"	7555
CM-7109	22	12	7/30		0.010"	0.032"	0.276"	
CM-7109Q	22	12	7/30	Semi-Rigid	0.010"	0.032"	0.270"	7560
CM-8100*	24	2	7/32		0.010"	0.032"	0.156"	
CM-8101	24	3	7/32		0.010"	0.032"	0.162"	
CM-8101Q	24	3	7/32	Semi-Rigid	0.010"	0.032"	0.162"	8165
CM-8102	24	4	7/32		0.010"	0.032"	0.174"	
CM-8102Q	24	4	7/32	Semi-Rigid	0.010"	0.032"	0.180"	8170
CM-8103	24	5	7/32		0.010"	0.032"	0.187"	
CM-8103Q	24	5	7/32	Semi-Rigid	0.010"	0.032"	0.195"	8175
CM-8104	24	6	7/32		0.010"	0.032"	0.200"	
CM-8104Q	24	6	7/32	Semi-Rigid	0.010"	0.032"	0.200"	8180
CM-8105	24	7	7/32		0.010"	0.032"	0.200"	
CM-8105Q	24	7	7/32	Semi-Rigid	0.010"	0.032"	0.204"	8185
CM-8106	24	8	7/32		0.010"	0.032"	0.214"	
CM-8106Q	24	8	7/32	Semi-Rigid	0.010"	0.032"	0.222"	8190
CM-8107	24	9	7/32		0.010"	0.032"	0.227"	

Part Number	AWG	No. of Cond.	Conductor Stranding	PVC Insul. Material	Insulation Thickness	Outer Jacket Thickness	Finished O.D. (nom)	Quabbin EQ P/N
CM-8107Q	24	9	7/32	Semi-Rigid	0.010"	0.032"	0.235"	8195
CM-8108	24	10	7/32		0.010"	0.032"	0.244"	
CM-8108Q	24	10	7/32	Semi-Rigid	0.010"	0.035"	0.237"	8200
CM-8109	24	12	7/32		0.010"	0.032"	0.251"	
CM-8109Q	24	12	7/32	Semi-Rigid	0.010"	0.035"	0.251"	8202

Part Number	Jacket	Cond 1	2	3	4	5	6	7	8	9	10	11	12	13	14
CM-2100	Gray	Blk	Wht												
CM-2101	Gray	Blk	Wht	Red	Grn										
CM-3100	Gray	Blk	Wht												
CM-3101	Gray	Blk	Wht	Red	Grn										
CM-3102	Gray	Blk	Wht	Red	Grn	Org									
CM-3103	Gray	Blk	Wht	Red	Grn	Org	Blu	Wht/Blk							
CM-4100	Gray	Blk	Wht												
CM-4101	Gray	Blk	Wht	Red											
CM-4102	Gray	Blk	Wht	Red	Grn										
CM-4103	Gray	Blk	Wht	Red	Grn	Org									
CM-4104	Gray	Blk	Wht	Red	Grn	Org	Blu	Wht/Blk							
CM-4105	Gray	Blk	Wht	Red	Grn	Org	Blu	Wht/Blk	Red/Blk						
CM-4106	Gray	Blk	Wht	Red	Grn	Org	Blu	Wht/Blk	Red/Blk	Grn/Blk					
CM-4107	Gray	Blk	Wht	Red	Grn	Org	Blu	Wht/Blk	Red/Blk	Grn/Blk	Org/Blk	Blu/Blk	Blk/Wht		
CM-4108	Gray	Blk	Wht	Red											
CM-5100*	Gray	Blk	Wht												
CM-5101	Gray	Blk	Wht	Red											
CM-5101Q	Gray	Blk	Wht	Red											
CM-5102	Gray	Blk	Wht	Red	Grn										
CM-5102Q	Gray	Blk	Wht	Red	Grn										
CM-5103	Gray	Blk	Wht	Red	Grn	Brn									
CM-5104	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org							
CM-5105	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel	Vio					
CM-5106	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel	Vio	Gry	Pnk	Tan		
CM-5107	Gray	Blk	Wht	Red	Grn	Brn	Blu								
CM-5107Q	Gray	Blk	Wht	Red	Grn	Brn	Blu								
CM-5108Q	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel						
CM-5109Q	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel	Vio	Gry				
CM-6100*	Gray	Blk	Wht												
CM-6100Q	Beige	Blk	Wht												
CM-6101	Gray	Blk	Wht	Red											
CM-6102	Gray	Blk	Wht	Red	Grn										
CM-6103	Gray	Blk	Wht	Red	Grn	Brn									

Part Number	Jacket	Cond 1	2	3	4	5	6	7	8	9	10	11	12	13	14
CM-6104	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org							
CM-6105	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel	Vio					
CM-6106	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel	Vio	Gry	Pnk	Tan		
CM-7100*	Gray	Blk	Wht												
CM-7100Q	Gray	Blk	Wht												
CM-7100QA	Gray	Blk	Wht												
CM-7101**	Gray	Blk	Wht	Red											
CM-7101Q	Gray	Blk	Wht	Red											
CM-7102	Gray	Blk	Wht	Red	Grn										
CM-7102Q	Gray	Blk	Wht	Red	Grn										
CM-7103	Gray	Blk	Wht	Red	Grn	Brn									
CM-7104	Gray	Blk	Wht	Red	Grn	Brn	Blu								
CM-7104Q	Gray	Blk	Wht	Red	Grn	Brn	Blu								
CM-7105	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org							
CM-7105Q	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org							
CM-7106	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel						
CM-7106Q	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel						
CM-7107	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel	Vio					
CM-7108	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel	Vio	Gry				
CM-7108Q	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel	Vio	Gry				
CM-7109	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel	Vio	Gry	Pnk	Tan		
CM-7109Q	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel	Vio	Gry	Pnk	Tan		
CM-8100*	Gray	Blk	Wht												
CM-8101	Gray	Blk	Wht	Red											
CM-8101Q	Gray	Blk	Wht	Red											
CM-8102	Gray	Blk	Wht	Red	Grn										
CM-8102Q	Gray	Blk	Wht	Red	Grn										
CM-8103	Gray	Blk	Wht	Red	Grn	Brn									
CM-8103Q	Gray	Blk	Wht	Red	Grn	Brn									
CM-8104	Gray	Blk	Wht	Red	Grn	Brn	Blu								
CM-8104Q	Gray	Blk	Wht	Red	Grn	Brn	Blu								
CM-8105	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org							
CM-8105Q	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org							

Part Number	Jacket	Cond 1	2	3	4	5	6	7	8	9	10	11	12	13	14
CM-8106	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel						
CM-8106Q	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel						
CM-8107	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel	Vio					
CM-8107Q	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel	Vio					
CM-8108	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel	Vio	Gry				
CM-8108Q	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel	Vio	Gry				
CM-8109	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel	Vio	Gry	Pnk	Tan		
CM-8109Q	Gray	Blk	Wht	Red	Grn	Brn	Blu	Org	Yel	Vio	Gry	Pnk	Tan		

On special orders, the customer will accept all mil lengths and +/- 10% of total order requested. The information presented here is, to the best of our knowledge, is true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We disclaim all liability in connection with the use of information contained herein or otherwise.

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