

Instrumentation Cable

600V- Multipair - Foil Shield-Overall

VOLTAGE	TEMPERATURE	TYPE	CONSTRUCTION:	SPECIFICATIONS:
600V	90°C	TC	Conductor: Stranded bare copper ASTM B-8 Insulation: Color coded PVC/Nylon #18/#16 AWG (TFN) #14 AWG (THHN/THWN) Shield: Aluminum/polyester foil Drain: Stranded tinned copper Wire: One (1) gauge size smaller than conductor Rip Cord: Nylon Jacket: Black PVC	UL NEC IEEE UL Listed Subject 83, 1277 NEC Article 310, 318, 340 NEC Article 501 Class 1, Division 2 IEEE 383 70,000 BTU UL 1581 ICEA T-29-520 210,000 BTU ICEA S-61-402 Sunlight Resistant Direct Burial
			DESCRIPTION: For: Process instrumentation, control and power. Analog and digital signalling. Advantage: Overall shield plus twisting of pairs provides superior protection against electrostatic and electromagnetic interference. Color: Black and white. Code: Alpha/numeric print on white conductor.	



PART NO.	NO OF PAIRS	NOM. JKT. THICKNESS		NOM. O.D.		APPROX WT./M' LBS.
		INCHES	MM	INCHES	MM	
#18 AWG (7/26) INSULATION PVC .015" (.381 MM) NOMINAL/NYLON .005" (.127 MM) NOMINAL						
M8708020	2	.053	1.35	.420	10.67	95
M8708040	4	.053	1.35	.485	12.32	118
M8708060	6	.066	1.68	.580	14.73	170
M8708080	8	.066	1.68	.600	15.24	205
M8708120	12	.066	1.68	.725	18.42	290
M8708160	16	.066	1.68	.800	20.32	363
M8708240	24	.089	2.26	1.028	26.11	540
M8708360	36	.089	2.26	1.160	29.46	738
M8708500	50	.089	2.26	1.450	40.39	984
#16 AWG (7/.0192) INSULATION PVC .015" (.381 MM) NOMINAL/NYLON .005" (.127 MM) NOMINAL						
M8706020	2	.053	1.35	.455	11.56	95
M8706040	4	.066	1.68	.560	14.22	155
M8706060	6	.066	1.68	.640	16.26	235

M8706080	8	.066	1.68	.680	17.27	266
M8706120	12	.066	1.68	.810	20.57	393
M8706160	16	.089	2.26	.935	23.75	500
M8706240	24	.089	2.26	1.140	28.96	731
M8706360	36	.089	2.26	1.300	36.02	1030
M8706500	50	.089	2.26	1.590	40.39	1420

#14 AWG (7/.0242) INSULATION PVC .015" (.381 MM) NOMINAL/NYLON .005" (.127 MM) NOMINAL

M8704020	2	.066	1.68	.560	14.22	120
M8704040	4	.066	1.68	.600	15.24	255
M8704060	6	.066	1.68	.750	19.05	360
M8704080	8	.066	1.68	.770	19.56	430
M8704120	12	.089	2.26	.980	24.89	660
M8704160	16	.089	2.26	1.080	27.43	833
M8704240	24	.089	2.26	1.320	33.53	1248
M8704360	36	.089	2.26	1.520	38.61	1670
M8704500	50	.110	2.79	1.860	47.24	2420

Armored Constructions Available. Check Sales Office.

REV 1/00

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Manhattan Wire Products™, A Belden CDT Company

