

300 Volt • Multipair • Foil Shield - Overall
VOLTAGE
300V

TEMPERATURE
105°C

TYPE
PLTC/ITC/CL3

CONSTRUCTION:

Conductor: Stranded bare copper
ASTM B-8

Insulation: Color coded PVC


Shield: Aluminum/polyester foil

Drain Wire: Stranded tinned copper
One (1) gauge size smaller
than conductor.

Rip Cord: Nylon

Jacket: Black PVC

SPECIFICATIONS:



UL Listed Subject 13, 2250
 NEC Article 725
 NEC Article 727
 NEC Type PLTC/ITC/CL3
 IEEE 383 70,000 BTU
 UL 1581
 ICEA T-29-520 210,000 BTU
 ICEA S-61-402
 CEC/CSA - (FT-4)
 Sunlight Resistant


DESCRIPTION:

For: Process instrumentation and control. Analog and digital signalling. Class 1, Division 2 locations.

Advantages: Overall shield plus twisted pairs provide superior protection against electrostatic and electromagnetic interference.

Color Code: Black, White.
Alpha/numeric print on white conductor.

PART NO.	NO. OF PAIRS	NOM. JKT. THICKNESS INCHES	NOM. JKT. THICKNESS MM	NOM O.D. INCHES	NOM O.D. MM	APPROX. WT/M' LBS.
#20 AWG (7/28) INSULATION .015" (.381 MM) NOMINAL						
M9700020	2	0.045	1.140	0.330	8.38	58
M9700040	4	0.050	1.270	0.405	10.29	89
M9700060	6	0.050	1.270	0.460	11.68	114
M9700080	8	0.050	1.270	0.500	12.70	135
M9700120	12	0.050	1.270	0.575	14.61	185
M9700160	16	0.060	1.520	0.660	16.76	247
M9700240	24	0.060	1.520	0.775	19.69	342
M9700360	36	0.070	1.780	0.905	22.99	492
M9700500	50	0.070	1.780	1.050	26.67	649
#18 AWG (7/26) INSULATION .015" (.381 MM) NOMINAL						
M9708020	2	0.045	1.140	0.390	9.91	77
M9708040	4	0.050	1.270	0.440	11.18	110
M9708060	6	0.050	1.270	0.535	13.59	147
M9708080	8	0.050	1.270	0.545	13.84	175
M9708120	12	0.050	1.270	0.660	16.76	266
M9708160	16	0.060	1.520	0.730	18.54	333
M9708240	24	0.060	1.520	0.860	21.84	465
M9708360	36	0.070	1.780	1.010	25.65	675
M9708500	50	0.070	1.780	1.175	29.85	899
#16 AWG (7/.0192) INSULATION .015" (.381 MM) NOMINAL						
M9706020	2	0.050	1.270	0.450	11.43	88
M9706040	4	0.050	1.270	0.490	12.45	143
M9706060	6	0.050	1.270	0.580	14.73	193
M9706080	8	0.050	1.270	0.610	15.49	245
M9706120	12	0.050	1.270	0.735	18.67	361
M9706160	16	0.060	1.520	0.835	21.21	459
M9706240	24	0.060	1.520	0.995	25.27	669
M9706360	36	0.070	1.780	1.140	28.96	946
M9706500	50	0.070	1.780	1.355	34.42	1298