

600 Volt • Single Pair and Single Triad • Foil Shield - Overall

VOLTAGE
600V

TEMPERATURE
90°C

TYPE
TC

CONSTRUCTION:

Conductor: Stranded bare copper
ASTM B-8

Insulation: Color coded PVC/Nylon
#18/#16 AWG (TFN)
#14 AWG (THHN/THWN)


Individual Shield: Aluminum/polyester foil

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

Rip Cord: Nylon

Jacket: Black PVC

SPECIFICATIONS:

 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.

PART NO.	COND SIZE AWG	NOM. JKT. THICKNESS INCHES	NOM. JKT. THICKNESS MM	NOM O.D. INCHES	NOM O.D> MM	APPROX. WT/M' LBS.	COLOR CODE
SINGLE PAIR INSULATION PVC .015" (.381 MM) NOMINAL / NYLON .005" (.127 MM) NOMINAL							
M8524010	#14 (7/0242)	0.045	1.140	0.330	8.38	74	Black and White
M8526010	#16 (7/0192)	0.045	1.140	0.300	7.62	50	Black and White
M8528010	#18 (7/26)	0.045	1.140	0.280	7.11	35	Black and White
SINGLE TRIAD INSULATION PVC .015" (.381 MM) NOMINAL / NYLON .005" (.127 MM) NOMINAL							
M8624010	#14 (7/0242)	0.045	1.140	0.350	8.89	83	Black, White, and Red
M8626010	#16 (7/0192)	0.045	1.140	0.315	8.00	65	Black, White, and Red
M8628010	#18 (7/26)	0.045	1.140	0.300	7.62	58	Black, White, and Red