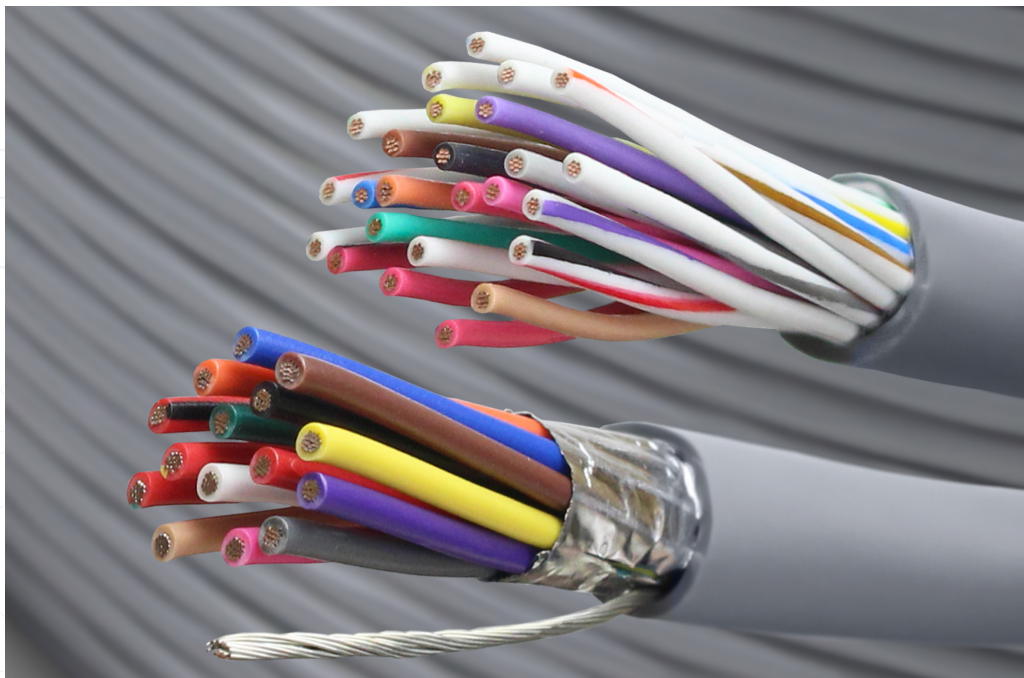


Multi Conductor Cable



Multi Conductor Cable

is a term used to describe a wire or cable that carries more than one internal conductor. That means there are insulated conductors within an outer insulated jacket. Multi conductor cables are commonly used for control purposes. Things such as remote signaling, communications, and broadcast applications, to name a few. These cables are manufactured to meet the latest UL, CSA, and NEC requirements. Pacer offers two main styles of multi conductor cable, shielded and unshielded.

Construction

Fully annealed stranded tinned copper per ASTM B-33

Premium grade color coded PVC insulation with outer grey PVC jacket



Compliances



UL Standard 2646



CSA CMG



CE: Low Voltage Directive



NEC Article 800 Type CM



RoHS Compliant



Vertical Tray Cable Flame Test

Applications



Public Address Systems



Intercoms



Internal Telephones



Remote Control Circuits



EIA RS-232 Uses

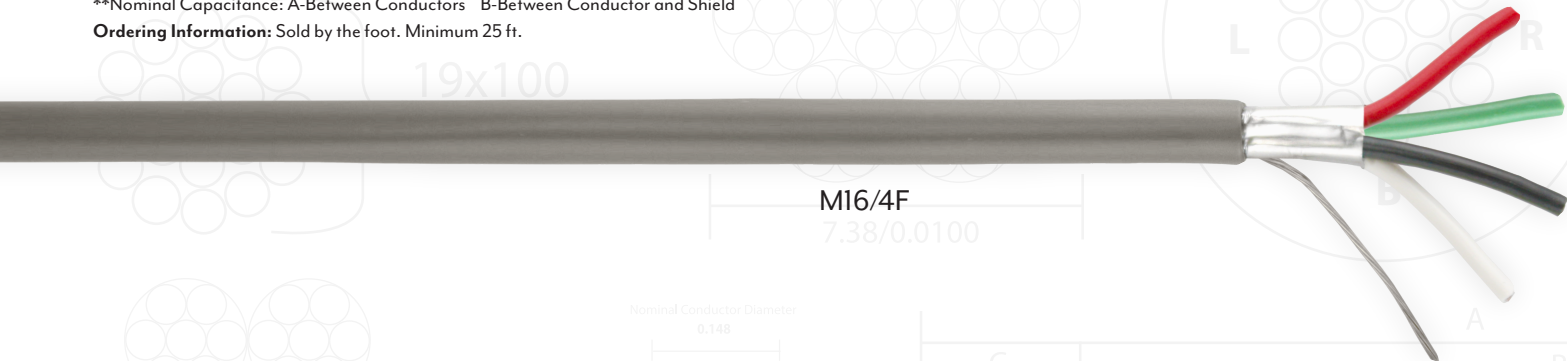
Shielded Multi Conductor Cable

PART NUMBER	NO. OF COND.	COND. STRAND	NOM. CAP pF/ft**		NOM. INSULATION THICKNESS (IN)	NOM. JACKET THICKNESS (IN)	NOM. CABLE O.D. (IN)
			A	B			
M22/2F	2	7/30	36.0	65.0	0.010	0.032	0.169
M22/3F	3	7/30	36.0	65.0	0.010	0.032	0.177
M22/4F	4	7/30	36.0	65.0	0.010	0.032	0.190
M22/6F	6	7/30	34.0	61.0	0.010	0.032	0.219
M22/8F	8	7/30	34.0	61.0	0.010	0.032	0.235
M22/10F	10	7/30	34.0	61.0	0.010	0.032	0.269
M20/2F	2	7/28	39.0	70.0	0.016	0.032	0.207
M20/3F	3	7/28	39.0	70.0	0.016	0.032	0.217
M20/4F	4	7/28	39.0	70.0	0.016	0.032	0.236
M20/6F	6	7/28	37.0	66.0	0.016	0.032	0.276
M20/8F	8	7/28	37.0	66.0	0.016	0.032	0.297
M20/10F	10	7/28	37.0	66.0	0.016	0.032	0.345
M20/15F	15	7/28	37.0	66.0	0.016	0.032	0.393
M18/2F*	2	16/30	54.5	98.0	0.013	0.037	0.221
M18/3F*	3	16/30	49.0	88.0	0.013	0.037	0.232
M18/4F	4	19/30	47.0	84.5	0.010	0.032	0.238
M18/6F	6	16/30	N/A	N/A	0.016	0.032	0.310
M18/8F	8	16/30	N/A	N/A	0.016	0.032	0.330
M18/10F	10	16/30	N/A	N/A	0.016	0.032	0.390
M18/15F	15	16/30	N/A	N/A	0.016	0.032	0.450
M16/2F*	2	19/0.0117	64.0	115.5	0.013	0.037	0.243
M16/3F*	3	19/0.0117	56.5	102.0	0.013	0.037	0.255
M16/4F	4	19/0.0117	N/A	N/A	0.016	0.032	0.290
M16/6F	6	19/0.0117	N/A	N/A	0.016	0.032	0.350
M16/8F	8	19/0.0117	N/A	N/A	0.016	0.032	0.380
M14/2F*	2	19/0.0147	72.5	131.0	0.013	0.042	0.288
M14/3F*	3	19/0.0147	63.0	113.5	0.013	0.042	0.298

*Compliances: NEC Art. 725 Power-Limited Tray Cable (UL: 105°C 300V) Passes UL 70,000 BTU Vertical Tray Flame Test, Sunlight resistant.

**Nominal Capacitance: A-Between Conductors B-Between Conductor and Shield

Ordering Information: Sold by the foot. Minimum 25 ft.



APPLICATIONS: Commonly used in public address systems, intercoms, internal telephones, remote control circuits, & EIA RS-232 applications.

CHARACTERISTICS:

Available gauges: 22 AWG to 14 AWG

No. of Conductors: 2 to 15 conductors

Insulation Thickness Range: 0.010" to 0.016"

Outside Diameter Range: 0.169" to 0.450"

COMPLIANCES:

- *UL Style 2464
- *CSA CMG
- *CE: Low Voltage Directive
- *NEC Article 800 Type CM
- *RoHS Compliant
- *Vertical Tray Cable Flame Test

FEATURES:

- *100% Flexfoil facing out
- *Finely stranded tinned copper conductors
- *Grey PVC outer jacket
- *Tinned copper drain wire

Unshielded Multi Conductor Cable

PART NUMBER	NO. OF COND	COND. STRAND	NOM. CAP. pF/ft**	NOM. INSULATION THICKNESS (IN)	NOM. JACKET THICKNESS (IN)	NOM. CABLE O.D. (IN)
M22/2	2	7/30	24.5	0.010	0.015	0.130
M22/3	3	7/30	24.5	0.010	0.032	0.176
M22/4	4	7/30	24.5	0.010	0.032	0.182
M22/5	5	7/30	24.5	0.010	0.032	0.203
M22/6	6	7/30	24.5	0.010	0.032	0.218
M22/7	7	7/30	24.5	0.010	0.032	0.205
M22/8	8	7/30	24.5	0.010	0.032	0.230
M22/10	10	7/30	24.5	0.010	0.032	0.268
M22/12	12	7/30	24.5	0.010	0.032	0.276
M22/15	15	7/30	24.5	0.010	0.032	0.303
M22/25	25	7/30	20.0	0.010	0.032	0.354
M20/2	2	7/28	28.0	0.016	0.025	0.192
M20/3	3	7/28	28.0	0.016	0.032	0.216
M20/4	4	7/28	28.0	0.016	0.032	0.235
M20/5	5	7/28	28.0	0.016	0.032	0.254
M20/7	7	7/28	28.0	0.016	0.032	0.275
M20/9	9	7/28	28.0	0.016	0.032	0.317
M20/15	15	7/28	28.0	0.016	0.032	0.392
M18/2*	2	16/30	32.5	0.013	0.037	0.216
M18/3*	3	16/30	32.5	0.013	0.037	0.227
M18/4*	4	16/30	30.5	0.016	0.032	0.258
M18/5	5	16/30	25.0	0.016	0.032	0.272
M18/6	6	16/30	N/A	0.016	0.032	0.290
M18/7	7	16/30	30.5	0.016	0.032	0.309
M18/8	8	16/30	N/A	0.016	0.032	0.306
M18/9	9	16/30	30.5	0.016	0.032	0.358
M18/12	12	16/30	30.5	0.016	0.032	0.401
M16/2*	2	19/0.0117	37.0	0.013	0.037	0.238
M16/3*	3	19/0.0117	37.0	0.013	0.037	0.255
M16/4	4	19/0.0117	30.5	0.021	0.032	0.306
M16/5	5	19/0.0117	N/A	0.021	0.032	0.334
M16/7	7	19/0.0117	30.5	0.021	0.032	0.363
M16/8	8	19/0.0117	N/A	0.021	0.032	0.393
M16/12	12	19/0.0117	30.5	0.021	0.032	0.476
M14/2*	2	19/0.0117	40.5	0.013	0.042	0.278

*Power Limited Tray Cable, NEC Type PLTC, 105°C, Sunlight resistant. **Capacitance between conductors

Ordering Information: Sold by the foot. Minimum 25 ft.



APPLICATIONS: Commonly used in public address systems, intercoms, internal telephones, remote control circuits, & EIA RS-232 applications.

CHARACTERISTICS:

Available gauges: 22 AWG to 14 AWG

No. of Conductors: 2 to 25 conductors

Insulation Thickness Range: 0.010" to 0.021"

Outside Diameter Range: 0.130" to 0.476"

COMPLIANCES: *UL Style 2464

*CSA CMG *CE: Low Voltage Directive

*NEC Article 800 Type CM

*RoHS Compliant

*Vertical Tray Cable Flame Test

FEATURES: *Color coded PVC

*Finely stranded tinned copper conductors

*Grey PVC outer jacket



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