

# Buying Directory

## COAXIAL CABLE, MIL-C-17G

Swept	Unswept
M17/60-RG142	M17/158-00001
M17/93-RG178	M17/169-00001
M17/93-00001	M17-170-00001
M17/94-RG179	M17/172-00001
M17/95-RG180	M17/174-00001
M17/110-RG302	M17/175-00001
M17/111-RG303	
M17/113-RG316	<b>Commercial Grade</b>
M17/127-RG393	RG 187 A/U
M17/128-RG400	RG 188 A/U
M17/131-RG403	RG 195 A/U
M17/152-00001	RG 196 A/U
M17/176-00002	

## Low Loss, High Frequency Coax

LL120	SB142	SS402
LL142	SB304	SS405
LL304	SB393	
LL393-1	SB405	
LL393-2		

## Low Noise Coax

LN178	HS178
LN179	HS179
LN180	HS180

## High Strength Coax

## PLENUM CABLES

### Plenum, Coaxial FEP Core

NEC 725-2(b), CLP2, CATVP,  
 RG-62  
 RG-59  
 RG-58  
 RG-58-Thinnet  
 RG-11  
 RG-6  
 Ethernet Trunk  
 100 Ohm Twinax

**Plenum Cables, UL "Classified"**  
 Category 4 ETL Verified  
 Category 5 ETL Verified  
 Power-limited cables, NEC725-2(b)  
 CL2P, CMP, MMP, FPLP, CSA, FT4, FT6  
 Low-Cap  
 Mid-Cap  
 Loop  
 Sound and Control  
 Signaling  
 Ethernet Transceiver IEEE 802.3  
 Point-of-sale cables

## INDUSTRIAL CABLES

### TCGT 250°C UL AND CSA

UL Style	AWG Sizes	Voltage
5315	#24-#2	300
5288	#24-#8	600

### TCGT 250°C UL AND CSA

UL Style	AWG Sizes	Voltage
5186	#24-#8	300
5127	#24-#2	600

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## INDUSTRIAL CABLES (continued)

### Multi-Temp 450°C UL and CSA

UL Style	AWG Sizes	Voltage
5128	#22-#4	300
5107	#22-#4/0	600

### UL Teflon® PTFE Wires (AWM)

UL Style	AWG Sizes	Voltage	Temp. ° C.
UL1164	#28-#12	300	150
UL1180	#28-#12	300	200
UL1198	#24-#12	600	150
UL1199	#24-#12	600	200
UL1212	#32-#16	*	80
UL1213	#32-#16	*	105
UL1371	#32-#12	*	105
UL1512	#16-#14	*	105
UL1538	#32-#12	125	105
UL1584	#30-#12	1000	200
UL1659	#26-#12	600	250
UL1716	#32-#12	150	150
UL1815	#32-#12	300	250

### UL Teflon® FEP Wires (AWM)

UL Style	AWG Sizes	Voltage	Temp. ° C.
UL1226	#26-#20	*	80
UL1227	#26-#14	*	105
UL1330	#26-#4/0	600	200
UL1331	#26-#4/0	600	150
UL1332	#26-#10	300	200
UL1333	#26-#4/0	300	150
UL1371	#26-#6	*	105
UL1538	#25-#6	125	105
UL1716	#25-#8	150	150

### UL Tefzel® Wires

UL Style	AWG Sizes	Voltage	Temp. ° C.
UL1517	#24-#20	*	105
UL1586	#24-#6	*	105
UL1609	#24-#6	125	105
UL1610	#24-#10	*	105
UL10086	#24-#10	600	200
UL10109	#24-#10	300	200

### CSA Teflon® PTFE Wires

CSA Style	AWG Sizes	Voltage	Temp. ° C.
10 Mils	#32-#16	150	150
13 Mils	#28-#12	300	200
20 Mils	#28-#12	600	200

\*UL does not rate this style for voltage

### CSA Teflon® FEP Wires

CSA Style	AWG Sizes	Voltage	Temp. ° C.
10 Mils	#28-#16	150	150
1/64"	#28-#10	300	180
1/32"	#28-#8	600	180
1/16"	#6-#2	600	180

### UL & CSA Teflon® PTFE Wires

UL/CSA	AWG Sizes	Voltage	Temp. ° C.
1164/13 Mils	#28-#12	300	200
1180/13 Mils	#28-#12	300	200
1198/20 Mils	#28-#12	600	150
1199/20 Mils	#28-#12	600	200
1213/10 Mils	#32-#16	150	150
1716/10 Mils	#32-#16	150	150

## UL & CSA Teflon® FEP Wires

### UL Teflon® PTFE Wires (AWM)

UL/CSA	AWG Sizes	Voltage	Temp. ° C.
1330/1/64"	#28-#10	600	180
1330/1/32"	#28-#10	600	180
1331/1/64"	#28-#10	300	150
1331/1/32"	#28-#10	600	150
1332/1/64"	#28-#10	300	180
1333/1/64"	#28-#10	300	150
1716/10 Mils	#32-#16	150	150

**CUSTOMS DESIGNS UTILIZING THE FOLLOWING COMPONENTS ARE AVAILABLE UPON REQUEST:**

### SOLID & STRANDED CONDUCTORS

Bare copper  
 Bare nickel (Glass A)  
 Nickel-plated copper  
 Nickel-plated high strength copper alloy  
 Nickel-plated steel  
 Nickel-plated copper-clad steel  
 Silver-plated high strength copper alloy  
 Silver-plated copper-clad steel  
 Silver-plated copper  
 Tin-plated copper  
 Thermocouple alloys  
 Resistive alloys  
 Oxygen-free nickel-plated copper  
 Oxygen-free silver-plated copper  
 Tin overcoat copper

### SHIELD MATERIALS

Nickel-plated copper wire  
 Nickel-plated copper-clad steel wire  
 Silver-plated copper wire  
 Silver-plated copper-clad steel wire  
 Stainless steel  
 Aluminum/polyester tape  
 Aluminum/polyimide tape

### INSULATION & JACKET MATERIALS

#### Extruded Materials

Ethylene/tetrafluoroethylene copolymer (ETF)  
 Ethylene/chlorotrifluoroethylene copolymer (ECTFE)  
 Fluorinated ethylene propylene (FEP)  
 Polyetheretherketone (PEEK)  
 Polyimide  
 Polytetrafluoroethylene (PTFE)  
 Polyurethanes  
 Polyvinylidene fluoride (PVDF)  
 Silicone rubbers  
 Tetrafluoroethylene/perfluoroalkoxy copolymer (PFA)  
 Thermoplastic elastomers (TPE)

#### Tapes

Ceramic • Glass • Mica/Glass • Polyester • Polyimide • PTFE (regular and semiconductive)

#### Yarns

Aramid • Ceramic • Fiberglass • K-fiber • Polyimide • Polyester • PTFE impregnated fiberglass