

# Cable Usage Guides

Use the Cable Usage Guides on this page and the next as follows:

1. Locate the cable you are using in **Cable Type** column.
2. Refer to the Amphenol connector section which features contacts for this cable, as indicated by a • in the appropriate column. If more than one connector series utilizes contacts designed for your cable, investigate each of them. Connector size, performance features and insert pattern availability may influence your choice.
3. Order your connector and **coax, twinax and/or triax contacts** by following the procedure given in the section for the connector series selected. These instructions are supplemented by the Amphenol Catalog Section covering the basic connector.
4. The **Additional Contacts** column of this guide is used to indicate an additional availability of contact designs for older cable types or capability. Consult Amphenol, Sidney, NY for further information.

## COAX CONTACT CABLE USAGE GUIDE

Cable Type	Nominal Impedance (ohms)	For Subminiature Cylindricals (MIL-DTL-38999 type)	For Miniature Cylindricals (MIL-C-26482 type)		For Standard & Heavy Duty Cylindricals (MIL-C-5105 type) (MIL-C-22992 type)	For Rectangular Connectors	Additional Contacts (Consult Amphenol)
			Solder type	Crimp type			
RG-5B/U (M17/073-RG212)	50						•
RG-6A/U (M17/2-RG6)	75						•
RG-7/U	97						•
RG-9B/U (M17/075-RG214)	50						•
RG-11A/U (M17/6-RG11)	75						•
RG-12A/U (M17/6-RG12)	75						•
RG-13A/U	74						•
RG-21A/U	53						•
RG-55B/U (M17/084-RG223)	53			•	•	•	
RG-58C/U (M17/028-RG058)	50		•	•	•	•	
RG-58 (M17/155-00001)	50	•					
RG-59B/U (M17/29-RG59)	75		•	•	•		
RG-62A/U (M17/030-RG062)	93		•	•	•		
RG-62B/U	93		•	•	•		
RG-63B/U (M17/31-RG63)	125						•
RG-71B/U (M17/90-RG71)	93						•
RG-87A/U	50						•
RG-115/U	50						•
RG-115A/U	50						•
RG-116/U	50						•
RG-122/U (M17/054-RG122)	50			•		•	•
RG-133A/U (M17/100-RG133)	95						•
RG-140/U (M17/110-RG302)	75			•	•		
RG-141A/U	50		•	•	•	•	
RG-142A/U	50		•	•	•	•	•
RG-142B/U (M17/060-RG142)	50	•	•	•	•	•	•
RG-143A/U	50						•
RG-161/U	70	•	•	•	•		
RG-174A/U (M17/119-RG174)	50	•	•	•	•		
RG-178B/U (M17/093-RG178)	50	•	•	•	•		
RG-179B/U (M17/094-RG179)	75	•	•	•	•		
RG-180B/U (M17/095-RG180)	95	•	•	•	•	•	
RG-187A/U (M17/094-RG179)	75	•	•	•	•		
RG-188A/U (M17/113-RG316)	50	•	•	•	•		
RG-188 Double Braid	50			•			
RG-195A/U (M17/095-RG180)	95	•	•	•	•	•	
RG-195 Double Braid	95			•			
RG-196A/U (M17/169-00001)	50	•	•	•	•		
RG-210/U	93		•	•	•		
RG-212/U (M17/073-RG212)	50				•		•
RG-214/U (M17/075-RG214)	50						•
RG-216/U (M17/77-RG216)	75						•
RG-222/U	50						•
RG-223/U (M17/084-RG223)	50	•		•	•	•	
RG-225/U (M17/86-RG225)	50						•
RG-227/U	50						•
RG-302/U (M17/110-RG302)	75			•	•		
RG-303/U (M17/111-RG303)	50		•	•	•	•	
RG-304/U (M17/112-RG304)	50						•
RG-316/U (M17/113-RG316)	50	•	•	•	•		
RD-316 Double Braid (M17/152-00001)	50	•					
RG-400 (M17/128-RG400)	50	•					

# Cable Usage Guides, cont.

## COAX CONTACT CABLE USAGE GUIDE, CONT.

Cable Type	Nominal Impedance (ohms)	For Subminiature Cylindricals (MIL-DTL-38999 type)	For Miniature Cylindricals (MIL-C-26482 type)		For Standard & Heavy Duty Cylindricals (MIL-C-5105 type) (MIL-C-22992 type)	For Rectangular Connectors	Additional Contacts (Consult Amphenol)
			Solder type	Crimp type			
5M2869-001	50	•				•	
FA-19X	50	•					
T-Flex-405	50	•					
Filotex ET124962	50	•					
JN1088WT (Triax)	50	•					
JN1088WU (Triax)	75	•					
PAN6422XQ	50	•					
PAN6422XY	75	•					
PAN6595XM (Triax)	75	•					
Haveg 51-04486		•					
81-00207		•					
Gore GWN1159A		•					
CXN3403		•					
Times AA3248		•					
Teledyne 11299		•					
Raychem							
5021D1331-0	50						
5021D1331-9	50		•				
5022D1312-9	50		•				
7527A1318	75			•			
9528A1318	95	•					
9530A5314	95	•					
9530D5314	95			•			
Thermatics 2929-29			•				
Tensolite 30850/87T-1				•			
Thermax 50C-25A-DS-1				•			

## TWINAX CONTACT CABLE USAGE GUIDE

Cable Type	Nominal Impedance (ohms)	For Subminiature Cylindricals (MIL-DTL-38999 type)	For Miniature Cylindricals (MIL-C-26482 Crimp type) (PT-DR)	For Rectangular Connectors (ARINC 600 Rack and Panel type)
EPD32263A	77	•		
EPD22189B	77	•		
M17/176-00002	77	•		
GSC-12-2548-00	77	•		
GC875TM24H	77	•		
GSC-12-81095-00	77	•		
Raychem 10602	77	•		
Raychem 10606	77	•		
Raychem 10612	77	•		
Raychem 10613	77	•		
Raychem 10614	77	•		
PAN6421			•	
PAN711-6421	77	•		
23089/RC		•		
05A0771	77	•		
T10971	77	•		
7724C8664	77	•		
7726D0664	77	•		
782OD0111 (20 AWG)	78	•		
5M2022-003	75	•		
0024G0024	100	•		
HS5930	77	•		
S280W502-1	100	•		•
CXN2268	100	•		

## TRIAx CONTACT CABLE USAGE GUIDE

Cable Type	Nominal Impedance (ohms)	For Subminiature Cylindricals (MIL-DTL-38999 type)	For Miniature Cylindricals (MIL-C-26482 Crimp type) (PT-DR)	For Rectangular Connectors (ARINC 600 Rack and Panel type)
5M2397-002	75	•		
5M2559-001	95	•		
81264-01	95	•		
81264-02	75	•		
ST5M1323-001	95	•		
JN1088WU	75	•		
JN1088WT	50	•		
GSC-03-81497-00	75	•		
RG179 (Coax Cable)	75	•		
10602 (Twinax Cable)	77	•		
Champlain 81-00321A	75	•		
Champlain 81-00700	95	•		
Tensolite 28988/50823LXX-1	75	•		
Tensolite 28598/9C026LT-1	95	•		
Tensolite 26895/90334X-1	95	•		
Teledyne 13809	95	•		
Teledyne 11914/1	95	•		
Thermatics 12447	75	•		
Times AA6603	95	•		