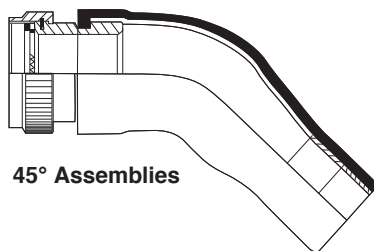
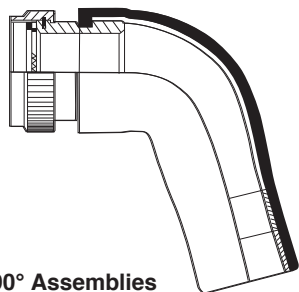


Straight Assemblies



45° Assemblies



90° Assemblies

KTKK cable assemblies are one-part assemblies for screened and unshielded cables. Constructed from heat-shrinkable screened moulded parts and connector adaptors, the assembly consists of parts already well proven in harsh military environments.

Installation is simply effected by coupling the adapter to the connector and shrinking the rear of the moulded part onto the cable with a hot air gun.

The moulded part has a hot-melt adhesive pre-installed to provide a bond between the cable jacket and the moulded part.

When used in conjunction with shielded (screened) cables, the assembly provides electrical continuity between the cable shield and the connector with Rayaten moulded parts.

Rayaten moulded parts are shielded, heat-shrinkable parts providing shielding levels better than 80 dB at 100 MHz.

Full instructions for assembling are supplied with each KTKK. For more information on the materials and adhesives please refer to moulded parts and Adhesives sections of this catalogue.

For more information please contact us.

Boot Materials Available

Material		Specification
-25 fluid-resistant modified elastomer	-25S fluid-resistant modified elastomer, shielded	RW-2077
-100 low fire hazard material	-100S low fire hazard material, shielded*	RW-2078

* Please note that the selection tables on the following tables only include for 100S Low Fire Hazard Material

Pre-Coated Adhesives Available

Material	Coatings, unshielded	Coatings, shielded
-25	S1048 (/86) high-temperature hot melt adhesive	-
-25S	-	S1030 (/180) low fire hazard hot melt adhesive
-100	S1030 (/180) low fire hazard hot melt adhesive	-
-100S*	-	S1275 conductive adhesive for use with Rayaten moulded parts

* Please note that the selection tables on the following tables only include for S1275 adhesive.

KTKK Series Assemblies

Screened Low Fire Hazard Material (100S)

Part Numbering

Code 40 • MIL-DTL-38999 Series III & IV Connectors - Aluminium with Cadmium Plate

Shell Size	Straight Assemblies		45° Assemblies		90° Assemblies	
	Part Number	Cable Range	Part Number	Cable Range	Part Number	Cable Range
08	KTKK 0670	5.0 - 7.0	KTKK 0660	5.0 - 7.0	-	-
10	KTKK 0671	6.0 - 9.0	KTKK 0661	6.0 - 9.0	KTKK 1181	6.0 - 9.0
12	KTKK 0672	7.2 - 11.0	KTKK 0662	7.2 - 11.0	KTKK 1182	7.2 - 11.0
14	KTKK 0673	7.2 - 11.0	KTKK 0663	7.2 - 11.0	KTKK 1183	7.2 - 11.0
16	KTKK 0674	8.5 - 17.0	KTKK 0664	8.5 - 17.0	KTKK 1184	8.5 - 17.0
18	KTKK 0675	8.5 - 17.0	KTKK 0665	8.5 - 17.0	KTKK 1185	8.5 - 17.0
20	KTKK 0676	10.0 - 21.0	KTKK 0666	10.0 - 21.0	KTKK 1186	10.0 - 21.0
22	KTKK 0677	10.0 - 21.0	KTKK 0667	10.0 - 21.0	KTKK 1187	10.0 - 21.0
24	KTKK 0678	15.8 - 29.0	KTKK 0668	15.8 - 29.0	KTKK 1188	15.8 - 29.0

Code 40 • MIL-DTL-38999 Series III & IV Connectors - Nickel Aluminium Bronze

Shell Size	Straight Assemblies		45° Assemblies		90° Assemblies	
	Part Number	Cable Range	Part Number	Cable Range	Part Number	Cable Range
08	KTKK 2610	5.0 - 7.0	KTKK 3130	5.0 - 7.0	-	-
10	KTKK 2611	6.0 - 9.0	KTKK 3131	6.0 - 9.0	KTKK 2621	6.0 - 9.0
12	KTKK 2612	7.2 - 11.0	KTKK 3132	7.2 - 11.0	KTKK 2622	7.2 - 11.0
14	KTKK 2613	7.2 - 11.0	KTKK 3133	7.2 - 11.0	KTKK 2623	7.2 - 11.0
16	KTKK 2614	8.5 - 17.0	KTKK 3134	8.5 - 17.0	KTKK 2624	8.5 - 17.0
18	KTKK 2615	8.5 - 17.0	KTKK 3135	8.5 - 17.0	KTKK 2625	8.5 - 17.0
20	KTKK 2616	10.0 - 21.0	KTKK 3136	10.0 - 21.0	KTKK 2626	10.0 - 21.0
22	KTKK 2617	10.0 - 21.0	KTKK 3137	10.0 - 21.0	KTKK 2627	10.0 - 21.0
24	KTKK 2618	15.8 - 29.0	KTKK 3138	15.8 - 29.0	KTKK 2628	15.8 - 29.0

Code 41 • MIL-DTL-38999 Series I & II Connectors - Aluminium with Cadmium Plate

Shell Size	Straight Assemblies		45° Assemblies		90° Assemblies	
	Part Number	Cable Range	Part Number	Cable Range	Part Number	Cable Range
08	KTKK 0640	5.0 - 7.0	KTKK 0630	5.0 - 7.0	-	-
10	KTKK 0641	6.0 - 9.0	KTKK 0631	6.0 - 9.0	KTKK 0721	6.0 - 9.0
12	KTKK 0642	7.2 - 11.0	KTKK 0632	7.2 - 11.0	KTKK 0722	7.2 - 11.0
14	KTKK 0643	7.2 - 11.0	KTKK 0633	7.2 - 11.0	KTKK 0723	7.2 - 11.0
16	KTKK 0644	8.5 - 17.0	KTKK 0634	8.5 - 17.0	KTKK 0724	8.5 - 17.0
18	KTKK 0645	8.5 - 17.0	KTKK 0635	8.5 - 17.0	KTKK 0725	8.5 - 17.0
20	KTKK 0646	10.0 - 21.0	KTKK 0636	10.0 - 21.0	KTKK 0726	10.0 - 21.0
22	KTKK 0647	10.0 - 21.0	KTKK 0637	10.0 - 21.0	KTKK 0727	10.0 - 21.0
24	KTKK 0648	15.8 - 29.0	KTKK 0638	15.8 - 29.0	KTKK 0728	15.8 - 29.0

Please note that the above tables represent the most common variants, other versions available on request.

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KTKK Series Assemblies

Screened Low Fire Hazard Material (100S)

Part Numbering

Code 54 • Pattern 602 Connectors - Aluminium with Cadmium Plate

Shell Size	Straight Assemblies		45° Assemblies		90° Assemblies	
	Part Number	Cable Range	Part Number	Cable Range	Part Number	Cable Range
08	KTKK 0612	5.0 - 7.0	KTKK 0780	5.0 - 7.0	-	-
10	KTKK 0613	6.0 - 9.0	KTKK 0781	6.0 - 9.0	KTKK 1241	6.0 - 9.0
12	KTKK 0614	7.2 - 11.0	KTKK 0782	7.2 - 11.0	KTKK 1242	7.2 - 11.0
14	KTKK 0615	7.2 - 11.0	KTKK 0783	7.2 - 11.0	KTKK 1243	7.2 - 11.0
16	KTKK 0616	8.5 - 17.0	KTKK 0784	8.5 - 17.0	KTKK 1244	8.5 - 17.0
18	KTKK 0617	8.5 - 17.0	KTKK 0785	8.5 - 17.0	KTKK 1245	8.5 - 17.0
20	KTKK 0618	10.0 - 21.0	KTKK 0786	10.0 - 21.0	KTKK 1246	10.0 - 21.0
22	KTKK 0619	10.0 - 21.0	KTKK 0787	10.0 - 21.0	KTKK 1247	10.0 - 21.0
24	KTKK 0620	15.8 - 29.0	KTKK 0788	15.8 - 29.0	KTKK 1248	15.8 - 29.0

Code 76 • Pattern 105 Connectors - Aluminium with Cadmium Plate

Shell Size	Straight Assemblies		45° Assemblies		90° Assemblies	
	Part Number	Cable Range	Part Number	Cable Range	Part Number	Cable Range
08	KTKK 0465	5.0 - 7.0	KTKK 0603	5.0 - 7.0	-	-
10	KTKK 0466	6.0 - 9.0	KTKK 0604	6.0 - 9.0	KTKK 1251	6.0 - 9.0
12	KTKK 0467	7.2 - 11.0	KTKK 0605	7.2 - 11.0	KTKK 1252	7.2 - 11.0
14	KTKK 0468	7.2 - 11.0	KTKK 0606	7.2 - 11.0	KTKK 1253	7.2 - 11.0
16	KTKK 0469	8.5 - 17.0	KTKK 0607	8.5 - 17.0	KTKK 1254	8.5 - 17.0
18	KTKK 0470	8.5 - 17.0	KTKK 0608	8.5 - 17.0	KTKK 1255	8.5 - 17.0
20	KTKK 0471	10.0 - 21.0	KTKK 0609	10.0 - 21.0	KTKK 1256	10.0 - 21.0
22	KTKK 0472	10.0 - 21.0	KTKK 0610	10.0 - 21.0	KTKK 1257	10.0 - 21.0
24	KTKK 0473	15.8 - 29.0	KTKK 0611	15.8 - 29.0	KTKK 1258	15.8 - 29.0

Code 79 • Pattern 608 Connectors - Nickel Aluminium Bronze

Shell Size	Straight Assemblies		45° Assemblies		90° Assemblies	
	Part Number	Cable Range	Part Number	Cable Range	Part Number	Cable Range
08	KTKK 0444	5.0 - 7.0	KTKK 0580	5.0 - 7.0	-	-
10	KTKK 0445	6.0 - 9.0	KTKK 0581	6.0 - 9.0	KTKK 1021	6.0 - 9.0
12	KTKK 0446	7.2 - 11.0	KTKK 0582	7.2 - 11.0	KTKK 1022	7.2 - 11.0
14	KTKK 0447	7.2 - 11.0	KTKK 0583	7.2 - 11.0	KTKK 1023	7.2 - 11.0
16	KTKK 0448	8.5 - 17.0	KTKK 0584	8.5 - 17.0	KTKK 1024	8.5 - 17.0
18	KTKK 0449	8.5 - 17.0	KTKK 0585	8.5 - 17.0	KTKK 1025	8.5 - 17.0
20	KTKK 0450	10.0 - 21.0	KTKK 0586	10.0 - 21.0	KTKK 1026	10.0 - 21.0
22	KTKK 0451	10.0 - 21.0	KTKK 0587	10.0 - 21.0	KTKK 1027	10.0 - 21.0
24	KTKK 0452	15.8 - 29.0	KTKK 0588	15.8 - 29.0	KTKK 1028	15.8 - 29.0

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