

MIL-DTL-17

Blake Part Num	M17 Number	Dielectric Material	Jacket Material	Cap. pF FT	Shield	O.D. (Inches)	Operating Temp Range (C°)	Max. Oper. Voltage (Volts RMS)	Nom. Imp. (ohms)
BCX-006	/2-RG6	PE	PVC IIA	22.0	SC, BC	0.332	-40 +85	3,000	75.0
BCX-011	/6-RG11	PE	PVC II	22.0	BC	0.405	-40 +85	5,000	75.0
BCX-012	/6-RG12	PE	PVC IIA, w/ armor	22.0	BC	0.475	-40 +85	5,000	75.0
BCX-022	/15-RG22	PE	PVC IIA	18.4	2 TC	0.420	-40 +85	1,000	95.0
BCX-111	/15-RG111	PE	PVC IIA, w/ armor	18.4	2 TC	0.490	-40 +85	1,000	95.0
BCX-023	/16-RG23	PE, 2 Cores	PVC IIA	13.0	2 indiv. Inner, common outer BC	0.650 x 0.945	-40 +85	7,000	125.0
BCX-024	/16-RG24	PE, 2 Cores	PVC IIA, w/ armor	13.0	2 indiv. Inner, common outer BC	0.735 x 1.034	-40 +85	7,000	125.0
BCX-025	/19-RG25	Rubber-E	Rubber IV	50.0	2 TC	0.505	-40 +80	10,000	48.0
BCX-026	/21-RG26	Rubber-E	Rubber IV w/ armor	55.0	TC	0.505	-40 +85	10,000	48.0
BCX-027	/22-RG27	Rubber-D	Rubber IV w/ armor	55.0	TC	0.670	-40 +85	15,000	48.0
BCX-001	/22-00001	Rubber-D	Rubber IV	55.0	TC	0.595	-40 +85	15,000	48.0
BCX-028	/23-RG28	Rubber-D	Rubber IV	50.0	TC, GS	0.735	-40 +85	15,000	48.0
BCX-034	/24-RG34	PE	PVC IIA	22.0	BC	0.630	-40 +85	6,500	75.0
BCX-058	/28-RG58	PE	PVC IIA	32.2	TC	0.195	-40 +85	1,900	50.0
BCX-059	/29-RG59	PE	PVC IIA	22.0	BC	0.242	-40 +85	2,300	75.0
BCX-062	/30-RG62	Air-Space PE	PVC IIA	14.5	BC	0.242	-40 +80	1,000	93.0
BCX-063	/31-RG63	Air-Space PE	PVC IIA	11.0	BC	0.405	-40 +80	1,000	125.0
BCX-079	/31-RG79	Air-Space PE	PVC IIA, w/ armor	11.0	BC	0.475	-40 +80	1,000	125.0
BCX-064	/33-RG64	Rubber-E	Rubber IV	55.0	2 TC	0.460	-40 +85	10,000	48.0
BCX-065	/34-RG65	PE	PVC IIA	48.0	BC	0.405	-40 +80	1,500	95.0
BCX-108	/45-RG108	PE	PVC IIA	24.5	TC	0.235	-40 +85	1,000	78.0
BCX-114	/47-RG114	Air-Space PE	PVC IIA	6.8	BC	0.405	-40 +85	6,500	75.0
BCX-119	/52-RG119	PTFE	FG Braid-V	29.3	2 BC	0.465	-40 +80	6,000	50.0
BCX-120	/52-RG120	PTFE	FG Braid-V w/ armor	29.3	2 BC	0.525	-55 +200	6,000	50.0
BCX-122	/54-RG122	PE	PVC IIA	30.8	TC	0.160	-55 +200	1,900	50.0
BCX-130	/56-RG130	PE	PVC IIA	19.0	TC	0.625	-40 +85	3,000	95.0
BCX-131	/56-RG131	PE	PVC IIA, w/ armor	19.0	TC	0.710	-40 +85	3,000	95.0
BCX-142	/60-RG142	PTFE	FEP	29.3	SC	0.195	-55 +200	1,900	50.0
BCX-144	/62-RG144	PTFE	FG Braid-V	22.0	SC	0.410	-55 +200	5,000	75.0
BCX-035	/64-RG35	PE	PVC IIA, w/ armor	22.0	SC	0.945	-40 +85	10,000	75.0
BCX-164	/64-RG164	PE	PVC IIA	22.0	BC	0.870	-40 +85	10,000	75.0

MIL-DTL-17

Blake Part Num	M17 Number	Dielectric Material	Jacket Material	Cap. pF FT	Shield	O.D. (Inches)	Operating Temp Range (C°)	Max. Oper. Voltage (Volts RMS)	Nom. Imp. (ohms)
BCX-165	/65-RG165	PTFE	FG Braid-V	29.3	SC	0.410	-55 +250	2,500	50.0
BCX-166	/65-RG166	PTFE	FG Braid-V w/armor	29.3	SC	0.470	-55 +250	2,500	50.0
BCX-177	/67-RG177	PE	PVC IIA	32.2	SC	0.895	-40 +85	11,000	50.0
BCX-211	/72-RG211	PTFE	FG Braid-V	29.3	BC	0.730	-55 +250	7,000	50.0
BCX-212	/73-RG212	PE	PVC IIA	30.8	2 SC	0.332	-40 +85	3,000	50.0
BCX-213	/74 RG213	PE	PVC IIA	30.8	BC	0.405	-40 +85	5,000	50.0
BCX-215	/74 RG215	PE	PVC IIA w/armor	30.8	BC	0.475	-40 +85	5,000	50.0
BCX-214	/75 RG214	PE	PVC IIA	32.2	2 SC	0.425	-40 +85	5,000	50.0
BCX-365	/75 RG365	PE	TPE	32.2	2 SC	0.425	-55 +85	5,000	50.0
BCX-216	/77 RG216	PE	PVC IIA	22.0	2 BC	0.425	-40 +85	5,000	50.0
BCX-217	/78 RG217	PE	PVC IIA	32.2	2 BC	0.545	-40 +85	7,000	75.0
BCX-7801	/78-00001	PE	PVC IIA	32.2	2 BC	0.545	-40 +85	7,000	75.0
BCX-218	/79 RG218	PE	PVC IIA	32.2	BC	0.870	-40 +85	11,000	50.0
BCX-219	/79 RG219	PE	PVC IIA w/armor	32.2	BC	0.945	-40 +85	11,000	50.0
BCX-8101	/81-00001	PE	PVC IIA	31.4	BC	1.120	-40 +85	14,000	50.0
BCX-8102	/81-00002	PE	PVC IIA w/armor	31.4	BC	1.195	-40 +85	14,000	50.0
BCX-223	/84 RG223	PE	PVC IIA	30.8	2 SC	0.212	-40 +85	1,900	50.0
BCX-8601	/86-00001	PTFE	FG Braid-V	32.4	2 SC	0.430	-55 +200	5,000	50.0
BCX-8602	/86-00002	PTFE	FG Braid-V w/armor	32.4	2 SC	0.490 max	-55 +200	5,000	50.0
BCX-8701	/87-00001	Taped PTFE	FG Braid-V	31.7	2 BC	0.500	-55 +200	7,000	50.0
BCX-071	/90 RG71	Taped PTFE	PVC IIIA	14.5	2 TC	0.245	-55 +85	1,000	93.0
BCX-115	/92 RG115	Air-Space PE	FG Braid-V	32.0	2 SC	0.415	-55 +200	5,000	50.0
BCX-9201	/92-00001	Taped PTFE	FEP-IX	32.0	2 SC	0.344	-55 +200	5,000	50.0
BCX-178	/93 RG178	PTFE	FEP-IX	32.0	SC	0.071	-55 +200	1,000	50.0
BCX-9301	/93-00001	PTFE	PFA-XIII	32.0	SC	0.071	-55 +230	1,000	50.0
BCX-179	/94 RG179	PTFE	FEP-IX	23.0	SC	0.100	-55 +200	1,200	75.0
BCX-180	/95 RG180	PTFE	FEP-IX	15.4	SC	0.141	-55 +200	1,500	95.0
BCX-210	/97 RG210	Air-Space PTFE	FG Braid-V	14.5	SC	0.242	-55 +200	1,000	93.0
BCX-133	/100-RG133	PE	PVC IIA	16.2	BC	0.405	-40 +85	5,000	95.0
BCX-301	/109 RG301	PTFE	FEP-IX	32.0	NC resistance	0.245	-55 +200	3,000	50.0
BCX-302	/110 RG302	PTFE	FEP-IX	22.0	SC	0.202	-55 +200	2,300	75.0

MIL-DTL-17

Blake Part Num	M17 Number	Dielectric Material	Jacket Material	Cap. pF FT	Shield	O.D. (Inches)	Operating Temp Range (C°)	Max. Oper. Voltage (Volts RMS)	Nom. Imp. (ohms)
BCX-303	/111 RG303	PTFE	FEP-IX	29.3	SC	0.170	-55 +200	1,900	50.0
BCX-304	/112 RG304	PTFE	FEP-IX	32.0	2 SC	0.280	-55 +200	3,000	50.0
BCX-316	/113 RG316	PTFE	FEP-IX	32.0	SC	0.098	-55 +200	1,200	50.0
BCX-307	/116 RG307	Foam PE	PE-III A	19.7	2 SC interlayer	0.265	-55 +80	1,000	75.0
BCX-174	/119 RG174	PE	PVC IIA	32.2	TC	0.110	-40 +85	1,500	50.0
BCX-328	/124 RG328	Rubber H,J,H	Neoprene	85.0	TC, GS, TC interlayer	1.460	-10 +85	15,000	75.0
BCX-329	/125 RG329	Rubber H,J,H	Neoprene	50.0	TC, GS, TC interlayer	0.700	-10 +90	15,000	50.0
BCX-391	/126 RG391	Cond. PE and PE	PVC IIA	23	TC	0.405	-40 +85	5,000	23.0
BCX-392	/126 RG392	Cond. PE and PE	PVC IIA w/armor	23	TC	0.475	-40 +85	5,000	23.0
BCX-393	/127 RG393	PTFE	FEP-IX	32.0	2 SC	0.390	-55 +200	2,500	50.0
BCX-400	/128 RG400	PTFE	FEP-IX	32.0	2 SC	0.195	-55 +200	1,900	50.0
BCX-401	/129 RG401	PTFE	None	29.6	BC Tube	0.25	-40 +90	3,000	50.0
BCX-12901	/129-00001	PTFE	None	29.6	TC Tube	0.25	-40 +90	3,000	50.0
BCX-402	/130 RG402	PTFE	None	29.9	BC Tube	0.141	-40 +125	1,900	50.0
BCX-13001	/130-00001	PTFE	None	29.9	TC Tube	0.141	-40 +125	1,900	50.0
BCX-13002	/130-00002	PTFE	None	29.9	BC Tube	0.141	-40 +125	1,900	50.0
BCX-13003	/130-00003	PTFE	None	29.9	TC Tube	0.141	-40 +125	1,900	50.0
BCX-13004	/130-00004	PTFE	None	29.9	BC Tube	0.141	-40 +125	1,900	50.0
BCX-13005	/130-00005	PTFE	None	29.9	TC Tube	0.141	-40 +125	1,900	50.0
BCX-13006	/130-00006	PTFE	None	29.9	BC Tube	0.141	-40 +125	1,900	50.0
BCX-13007	/130-00007	PTFE	None	29.9	TC Tube	0.141	-40 +125	1,900	50.0
BCX-403	/131-RG403	PTFE	FEP-IX	30.2	2: SC FEP Interlayer	0.104	-55 +200	1,000	50.0
BCX-13201	/132-00001	PTFE	FEP-IX	32.0	1: SC	0.073	-40 +200	1,000	50.0
BCX-405	/133-RG405	PTFE	None	32.0	BC Tube	0.0865	-40 +125	1,500	50.0
BCX-13301	/133-00001	PTFE	None	32.0	TC Tube	0.0865	-40 +125	1,500	50.0
BCX-13302	/133-00002	PTFE	None	32.0	BC Tube	0.0865	-40 +125	1,500	50.0
BCX-13303	/133-00003	PTFE	None	32.0	TC Tube	0.0865	-40 +125	1,500	50.0
BCX-13304	/133-00004	PTFE	None	32.0	BC Tube	0.0860	-40 +125	1,500	50.0
BCX-13305	/133-00005	PTFE	None	32.0	TC Tube	0.0860	-40 +125	1,500	50.0
BCX-13306	/133-00006	PTFE	None	32.0	BC Tube	0.0865	-40 +125	1,500	50.0
BCX-13307	/133-00007	PTFE	None	32.0	TC Tube	0.0865	-40 +125	1,500	50.0

MIL-DTL-17

Blake Part Num	M17 Number	Dielectric Material	Jacket Material	Cap. pF FT	Shield	O.D. (Inches)	Operating Temp Range (C°)	Max. Oper. Voltage (Volts RMS)	Nom. Imp. (ohms)
BCX-13308	/133-00008	PTFE	None	32.0	BC Tube	0.0865	-40 +125	1,500	50.0
BCX-13309	/133-00009	PTFE	None	32.0	TC Tube	0.0865	-40 +125	1,500	50.0
BCX-13310	/133-00010	PTFE	None	32.0	BC Tube	0.0865	-40 +125	1,500	50.0
BCX-13311	/133-00011	PTFE	None	32.0	TC Tube	0.0865	-40 +125	1,500	50.0
BCX-13312	/133-00012	PTFE	None	32.0	BC Tube	0.0865	-40 +125	1,500	50.0
BCX-13313	/133-00013	PTFE	None	32.0	TC Tube	0.0865	-40 +125	1,500	50.0
BCX-13314	/133-00014	PTFE	None	32.0	BC Tube	0.0865	-40 +125	1,500	50.0
BCX-13315	/133-00015	PTFE	None	32.0	TC Tube	0.0865	-40 +125	1,500	50.0
BCX-13316	/133-00016	PTFE	None	32.0	SPC Tube	0.0865	-40 +125	1,500	50.0
BCX-13317	/133-00017	PTFE	None	32.0	SPC Tube	0.0865	-40 +125	1,500	50.0
BCX-13401	/134-00001	PE	PE-III A	32.2	2: SC PE Interlayer	0.245	-40 +70	1,900	50.0
BCX-13402	/134-00002	PE	PE-III A	32.2	2: SC PE Interlayer	0.245	-40 +70	1,900	50.0
BCX-13501	/135-00001	PE	PUR	32.0	2: SC PE Interlayer	0.500	-40 +70	5,000	50.0
BCX-13502	/135-00002	PE	PUR	32.0	2: SC PE Interlayer	0.500	-40 +70	5,000	50.0
BCX-13503	/135-00003	PE	PE-III A	32.0	2: SC PE Interlayer	0.500	-40 +70	5,000	50.0
BCX-13504	/135-00004	PE	PE-III A	Cap. pF	2: SC PE Interlayer	0.500	-40 +70	5,000	50.0
BCX-13601	/136-00001	PTFE	PFA-XIII	22.0	1: SC	0.100	-55 +230	1,200	75.0
BCX-13701	/137-00001	PTFE	PFA-XIII	15.4	1: SC	0.141	-55 +200	1,500	95.0
BCX-13801	/138-00001	PTFE	PFA-XIII	32.0	1: SC	0.098	-55 +200	1,500	50.0
BCX-13901	/139-00001	PTFE	PFA-XIII	15.4	1: SC CadBr	0.141	-55 +200	1,500	95.0
BCX-15101	/151-00001	PTFE	None	32.0	BC Tube	0.047	-40 +100	1,000	50.0
BCX-15102	/151-00002	PTFE	None	32.0	TC Tube	0.047	-40 +100	1,000	50.0
BCX-15201	/152-00001	PTFE	FEP-IX	32.0	2: SC	0.114	-55 +200	1,200	50.0
BCX-15301	/153-00001	PE	PVC IIA	32.2	2: SC	0.114	-40 +100	1,500	50.0
BCX-15401	/154-00001	PTFE	None	32.0	BC Tube	0.034	-40 +100	750	50.0
BCX-15402	/154-00002	PTFE	None	32.0	TC Tube	0.034	-40 +100	750	50.0
BCX-15501	/155-00001	PE	PVC IIA	30.8	1: TC	0.195	-40 +100	1,900	50.0
BCX-15601	/156-00001	PTFE	FG Braid-V	29.3	2: SC	0.465	-55 +200	6,000	50.0
BCX-15701	/157-00001	PE	PVC-II A	30.8	1: TC	0.160	-40 +85	1,900	50.0
BCX-15801	/158-00001	PTFE	FEP-IX	29.3	2: SC	0.195	-55 +200	1,900	50.0
BCX-15901	/159-00001	PTFE	FG Braid-V	29.3	1: SC	0.410	-55 +250	2,500	50.0

MIL-DTL-17

Blake Part Number	M17 Number	Dielectric Material	Jacket Material	Cap. pF FT	Shield	O.D. (Inches)	Operating Temp Range (C°)	Max. Oper. Voltage (Volts RMS)	Nom. Imp. (ohms)
BCX-16001	/160-00001	PE	PVC-IIA	32.6	2: SC	0.465	-55 +200	6,000	50.0
BCX-16101	/161-00001	PTFE	FG Braid-V	29.3	1: TC	0.160	-40 +85	1,900	50.0
BCX-16102	/161-00002	PTFE	FG Braid-V w/armor	29.3	2: SC	0.195	-55 +200	1,900	50.0
BCX-16201	/162-00001	PE	PVC-IIA	32.2	1: SC	0.410	-55 +250	2,500	50.0
BCX-16301	/163-00001	PE	PVC-IIA	30.8	2: SC	0.895	-40 +85	11,000	50.0
BCX-16401	/164-00001	PE	PVC-IIA	32.2	1: BC	0.730	-55 +250	7,000	50.0
BCX-16402	/164-00002	PE	TPE	32.2	1: BC	0.795	-55 +250	7,000	50.0
BCX-16501	/165-00001	PE	PVC-IIA	30.8	2: SC	0.332	-40 +85	3,000	50.0
BCX-16502	/165-00002	PE	PVC-IIA w/armor	30.8	1: BC	10.30	-40 +85	5,000	50.0
BCX-16601	/166-00001	PE	PVC IIA	32.2	2: SC	10.80	-40 +85	5,000	50.0
BCX-16701	/167-00001	PE	PVC IIA	32.2	2: SC	10.80	-40 +85	5,000	50.0
BCX-16801	/168-00001	Taped PTFE	FG Braid-V	32.0	2: BC	0.55	-40 +85	7,000	50.0
BCX-16802	/168-00002	Taped PTFE	FEP-IX	32.0	2: BC	0.62	-40 +85	7,000	50.0
BCX-16901	/169-00001	PTFE	FEP-IX	32.0	1: BC	0.87	-40 +85	11,000	50.0
BCX-17001	/170-00001	PTFE	FEP-IX	29.3	2: SC	0.21	-40 +85	1,900	50.0
BCX-17101	/171-00001	PTFE	FEP-IX	32.0	2: SC	0.42	-55 +200	5,000	50.0
BCX-17201	/172-00001	PTFE	FEP-IX	32.0	2: SC	0.34	-55 +200	5,000	50.0
BCX-17301	/173-00001	PE	PVC IIA	50.0	1: SC	0.071	-55 +200	1,000	50.0
BCX-17401	/174-00001	PTFE	FEP-IX	32.0	1: SC	0.170	-55 +200	1,900	50.0
BCX-17501	/175-00001	PTFE	FEP-IX	32.0	2: SC	0.280	-55 +200	3,000	50.0
BCX-17602	/176-00002	PTFE	PFA-XIII	24.0	1: SC	0.098	-55 +200	1,200	50.0
BCX-17603	/176-00003	Foam ETFE or ECTFE	PFA,FEP, ETFE or ECTFE	24.0	1: SCBerC	0.125	-55 +150	1,000	77.0
BCX-17701	/177-00001	PTFE	FEP-IX	17.4	2: SC FEP Interlayer	0.184	-55 +200	1,500	95.0
BCX-17801	/178-00001	PTFE	Polyester Braid	17.4	SC:NC:CPC Tape: NC, FEP Interlayer	0.270	-55 +150	1,500	95.0
BCX-17901	/179-00001	PTFE	Polyester Braid	23.0	SC:NC:CPC Tape: NC, FEP Interlayer	0.195	-55 +150	1,200	75.0
BCX-18001	/180-00001	PE	XLPE	22.0	1: SC 1: BC	0.332	-30 +80	2,700	75.0
BCX-18101	/181-00001	PE	XLPE	22.0	1: BC	0.405	-30 +80	5,000	75.0
BCX-18102	/181-00002	PE	XLPE w/armor	22.0	1: BC	0.475 max	-30 +80	5,000	75.0
BCX-18201	/182-00001	PE	XLPE	17.4	2: TC	0.420	-30 +80	1,000	95.0
BCX-18202	/182-00002	PE	XLPE	17.4	2: TC	.490 max	-30 +80	1,000	95.0

MIL-DTL-17

Blake Part Number	M17 Number	Dielectric Material	Jacket Material	Cap. pF FT	Shield	O.D. (Inches)	Operating Temp Range (C°)	Max. Oper. Voltage (Volts RMS)	Nom. Imp. (ohms)
BCX-18301	/183-00001	PE	XLPE	32.2	1: TC	0.195	-30 +80	1,900	50.0
BCX-18401	/184-00001	PE	XLPE	22.2	1: BC	0.242	-30 +80	2,300	75.0
BCX-18501	/185-00001	Air-Space PE	XLPE	14.5	1: BC	0.242	-30 +80	750	93.0
BCX-18601	/186-00001	PE	XLPE	24.5	1: TC	0.235	-30 +80	1,000	78.0
BCX-18701	/187-00001	PE	XLPE	32.2	1: TC	0.160	-30 +80	1,900	50.0
BCX-18801	/188-00001	PE	XLPE	32.2	2: TC	0.332	-30 +80	3,000	50.0
BCX-18901	/189-00001	PE	XLPE	32.2	1: BC	0.405	-30 +80	5,000	50.0
BCX-18902	/189-00002	PE	XLPE w/ armor	32.2	1: BC	0.475	-30 +80	5,000	50.0
BCX-19001	/190-00001	PE	XLPE	32.2	2: SC	0.425	-30 +80	5,000	50.0
BCX-19101	/191-00001	PE	XLPE	22.0	2: BC	0.425	-30 +80	5,000	75.0
BCX-19201	/192-00001	PE	XLPE	32.2	2: BC	0.545	-30 +80	7,000	50.0
BCX-19301	/193-00001	PE	XLPE	32.2	1: BC	0.870	-30 +80	11,000	50.0
BCX-19302	/193-00002	PE	XLPE w/ armor	32.2	1: BC	0.945	-30 +80	11,000	50.0
BCX-19401	/194-00001	PE	XLPE	32.2	2: SC	0.212	-30 +80	1,900	50.0
BCX-19501	/195-00001	Air-Space PE	XLPE	14.5	1: BC 1: TC	0.245	-30 +80	750	50.0
BCX-19601	/196-00001	PE	XLPE	32.2	1: TC	0.110	-30 +80	1,500	50.0
BCX-19701	/197-00001	PE	XLPE	32.2	1: TC	0.195	-30 +80	1,900	50.0
BCX-19801	/198-00001	PE	XLPE	32.2	1: TC	0.160	-30 +80	1,900	50.0
BCX-19901	/199-00001	PE	XLPE	32.2	2: SC	0.332	-30 +80	3,000	50.0
BCX-20001	/200-00001	PE	XLPE	32.2	2: SC	0.212	-30 +80	1,900	50.0