



MİL KAB

MİLLÎ KABLO

MILITARY CABLE SOLUTIONS
ASKERİ KABLO ÇÖZÜMLERİ



MİL X / X - X - X

RENK KODU / COLOR CODE

9	- Beyaz (White)
8	- Gri (Gray)
7	- Mor (Violet)
6	- Mavi (Blue)
5	- Yeşil (Green)
4	- Sarı (Yellow)
3	- Turuncu (Orange)
2	- Kırmızı (Red)
1	- Kahve (Brown)
0	- Siyah (Black)

ÖRNEK KODLAMA

MİL44 / 12 - 20 - 9

EXAMPLE CODING

MIL44 / 12 - 20 - 9



TEL KESİDİ (AWG) / CONDUCTOR SIZE

AWG	Tel Adedi x Tel	Tel Büküm Çapı	Min Tel B.	Max Tel B.
30	7 x 0,102 mm	0,304 ±0,037	0,267	0,34
28	7 x 0,127 mm	0,380 ±0,037	0,343	0,417
26	19 x 0,102 mm	0,495 ±0,050	0,445	0,544
24	19 x 0,127 mm	0,622 ±0,050	0,572	0,671
22	19 x 0,160 mm	0,786 ±0,062	0,724	0,848
20	19 x 0,203 mm	0,989 ±0,062	0,927	1,05
18	19 x 0,254 mm	1,24 ±0,07	1,160	1,31
16	19 x 0,287 mm	1,40 ±0,08	1,310	1,48
14	19 x 0,361 mm	1,75 ±0,11	1,640	1,86
12	37 x 0,320 mm	2,21 ±0,09	2,120	2,3
10	37 x 0,404 mm	2,80 ±0,14	2,690	2,9
8	133 x 0,288 mm	4,20 ±0,19	4,010	4,39
6	133 x 0,361 mm	5,27 ±0,24	5,030	5,51
4	133 x 0,455 mm	6,66 ±0,30	6,350	6,96
2	665 x 0,254 mm	8,39 ±0,32	8,130	8,64

KESİT TİPİ / ÇALIŞMA GERİLİMİ - CONDUCTOR TYPE / OPERATING VOLTAGE

5	- SCC (Gümüş Kaplı Bakır) / 2.500 V.
	- SCC (Silver-Coated Copper)/2.500 V.
8	- SCC (Gümüş Kaplı Bakır) / 1.000 V.
	- SCC (Silver-Coated Copper)/1.000 V.
11	- SCC (Gümüş Kaplı Bakır) / 600 V.
	- SCC (Silver-Coated Copper) / 600 V.
6	- TCC (Kalay Kaplı Bakır) / 2.500 V.
	- TCC (Tin-Coated Copper) / 2.500 V.
9	- TCC (Kalay Kaplı Bakır) / 1.000 V.
	- TCC (Tin-Coated Copper) / 1.000 V.
12	- TCC (Kalay Kaplı Bakır) / 600 V.
	- TCC (Tin-Coated Copper) / 600 V.

İZOLASYON TİPİ / INSULATION TYPE

44	- [-80°C / +180°C]
44P	- [-80°C / +260°C]
44E	- [-80°C / +150°C] (Yüks.Mukavemet)

Tip 5-6		Tip 8-9		Tip 11-12	
AWG	Ø (mm)	AWG	Ø (mm)	AWG	Ø (mm)
				30	0,68±0,05
				28	0,76±0,05
				26	0,86±0,05
24	1,45±0,05	24	1,37±0,05	24	1,02±0,05
22	1,75±0,07	22	1,57±0,07	22	1,20±0,05
20	1,98±0,07	20	1,78±0,07	20	1,40±0,05
18	2,23±0,07	18	2,03±0,07	18	1,60±0,05
16	2,46±0,10	16	2,26±0,10	16	1,83±0,07
14	2,92±0,10	14	2,74±0,10	14	2,26±0,10
12	3,32±0,10	12	3,20±0,10	12	2,74±0,10
10	4,09±0,12	10	3,94±0,12		
8	5,56±0,15	8	5,43±0,15		
6	6,83±0,17	6	6,70±0,17		
4	8,25±0,20	4	8,24±0,20		
2	10,61±0,33	2	10,16±0,30		

PARÇA NUMARALANDIRMA SİSTEMİ

MİL27 - X X X X X X

KILIF TİPİ / JACKET MATERIAL AND STYLE CODE

00	- Kılıf Yok (No jacket)
01	- Şeffaf MIL44 (Transparent MIL44)
02	- Beyaz MIL44 (White MIL44)
03	- Şeffaf MIL44P (Transparent MIL44P)
04	- Beyaz MIL44P (White MIL44P)
05	- Beyaz MIL44E (White MIL44E)

ÖRNEK KODLAMA

MİL27A-20ML2T02

EXAMPLE CODING

MİL27A-20ML2T02

EKRAN TİPİ / SHIELDED MATERIAL AND STYLE CODE

U	- Ekran Yok (No Shield)
T	- Kalay Kaplı Bakır (Tin-Coated Copper, round)
N	- Nikel Kaplı Bakır (Nickel-Coated Copper, round)
S	- Gümüş Kaplı Bakır (Silver-Coated Copper, round)

DAMAR SAYISI / NUMBER OF COMPONENT WIRES

Standartta belirtildiği gibidir. (As mentioned in technical standards)

DAMAR TİPİ

MD	- Mil44/5	ME	- Mil44/6
MG	- Mil44/8	MH	- Mil44/9
MK	- Mil44/11	ML	- Mil44/12
MDP	- Mil44P/5	MEP	- Mil44P/6
MGP	- Mil44P/8	MHP	- Mil44P/9
MKP	- Mil44P/11	MLP	- Mil44P/12
MDE	- Mil44E/5	MEE	- Mil44E/6
MGE	- Mil44E/8	MHE	- Mil44E/9
MKE	- Mil44E/11	MLE	- Mil44E/12
ECD	- Özel Tasarım (Engineering Costum Design)		

TEL KEŞİDİ (AWG) / CONDUCTOR SIZE

AWG	Tel Adedi x Tel	Tel Büküm Çapı	Min Tel B.	Max Tel B.
30	7 x 0,102 mm	0,304 ±0,037	0,267	0,34
28	7 x 0,127 mm	0,380 ±0,037	0,343	0,417
26	19 x 0,102 mm	0,495 ±0,050	0,445	0,544
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8	133 x 0,288 mm	4,20 ±0,19	4,010	4,39
6	133 x 0,361 mm	5,27 ±0,24	5,030	5,51
4	133 x 0,455 mm	6,66 ±0,30	6,350	6,96
2	665 x 0,254 mm	8,39 ±0,32	8,130	8,64

EKRAN / SHIELDED COVERAGE

	- Ekran Yok
A	- Ekranlı %85
B	- Ekranlı %90



PARÇA NUMARALANDIRMA SİSTEMİ

MİL22 / X - X - X

RENK KODU / COLOR CODE

9	- Beyaz (White)
8	- Gri (Gray)
7	- Mor (Violet)
6	- Mavi (Blue)
5	- Yeşil (Green)
4	- Sarı (Yellow)
3	- Turuncu (Orange)
2	- Kırmızı (Red)
1	- Kahve (Brown)
0	- Siyah (Black)

ÖRNEK KODLAMA

MİL22 / 16 - 20 - 9

EXAMPLE CODING

MIL22 / 16 - 20 - 9



TEL KESİDİ (AWG) / CONDUCTOR SIZE

AWG	Tel Adedi x Tel	Tel Büküm Çap	Min Tel B.	Max Tel B.
30	7 x 0,102 mm	0,304 ±0,037	0,267	0,34
28	7 x 0,127 mm	0,380 ±0,037	0,343	0,417
26	19 x 0,102 mm	0,495 ±0,050	0,445	0,544
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2	665 x 0,254 mm	8,39 ±0,32	8,130	8,64

KABLO TİPİ / WIRE TYPE

05 - 12
13 - 15
16 - 19
20 - 31
32 - 46
80 - 92
180 - 192

Detaylı bilgi için lütfen bizimle iletişime geçiniz.
(For detailed information please contact with us.)

www.milkab.com.tr
info@milkab.com.tr

MİL X / X - X - X

RENK KODU / COLOR CODE

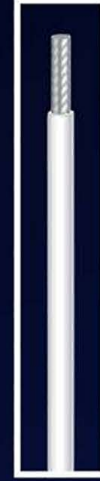
9	-	Beyaz (White)
8	-	Gri (Gray)
7	-	Mor (Violet)
6	-	Mavi (Blue)
5	-	Yeşil (Green)
4	-	Sarı (Yellow)
3	-	Turuncu (Orange)
2	-	Kırmızı (Red)
1	-	Kahve (Brown)
0	-	Siyah (Black)

ÖRNEK KODLAMA

MİLSİH / 12 - 16 - 0

EXAMPLE CODING

MİLSİH / 12 - 16 - 9



TEL KESİDİ (AWG) / CONDUCTOR SIZE

KILIF KALINLIĞI (SİLİKON) / JACKET THICKNESS (SILICONE)

AWG	Standart (TCC/NCC/SCC)	High Flexible (TCC)	Ultra High Flexible (TCC)	300V.	600V.	1000V.
30	(Ø0,304mm) / 7 x 0,102		(Ø0,30mm) / 11 x 0,08	Ø1,06±0,05		
28	(Ø0,380mm) / 7 x 0,127		(Ø0,38mm) / 16 x 0,08	Ø1,14±0,05		
26	(Ø0,495mm) / 19 x 0,102		(Ø0,49mm) / 30 x 0,08	Ø1,25±0,05	Ø2,00±0,05	Ø2,80±0,05
24	(Ø0,622mm) / 19 x 0,127	(Ø0,622mm) / 42 x 0,079	(Ø0,62mm) / 40 x 0,08	Ø1,40±0,10	Ø2,10±0,10	Ø2,90±0,10
22	(Ø0,786mm) / 19 x 0,160	(Ø0,786mm) / 42 x 0,102	(Ø0,78mm) / 60 x 0,08	Ø1,55±0,10	Ø2,40±0,10	Ø3,05±0,15
20	(Ø0,985mm) / 19 x 0,203	(Ø0,985mm) / 42 x 0,127	(Ø0,98mm) / 100 x 0,08	Ø1,75±0,10	Ø2,70±0,10	Ø3,40±0,15
18	(Ø1,24mm) / 19 x 0,254	(Ø1,24mm) / 7 x 24 x 0,079	(Ø0,1,24mm) / 150 x 0,08	Ø2,00±0,10	Ø3,10±0,13	Ø3,60±0,15
16	(Ø1,40mm) / 19 x 0,287	(Ø1,40mm) / 7 x 15 x 0,127	(Ø1,40mm) / 252 x 0,08	Ø2,30±0,15	Ø3,20±0,15	Ø3,80±0,15
14	(Ø1,75mm) / 19 x 0,361	(Ø1,75mm) / 7 x 24 x 0,127	(Ø1,75mm) / 400 x 0,08	Ø3,10±0,15	Ø3,60±0,15	Ø4,30±0,15
12	(Ø2,21mm) / 37 x 0,320	(Ø2,21mm) / 7 x 37 x 0,127	(Ø2,20mm) / 680 x 0,08	Ø3,80±0,15	Ø4,10±0,15	Ø4,60±0,15
10	(Ø2,80mm) / 37 x 0,404	(Ø2,80mm) / 7 x 59 x 0,127	(Ø2,80mm) / 1050 x 0,08	Ø4,60±0,15	Ø5,60±0,25	Ø6,00±0,25
8	(Ø4,20mm) / 19 x (7 x 0,288)	(Ø4,20mm) / 7 x 95 x 0,127	(Ø4,20mm) / 1650 x 0,08	Ø6,00±0,20	Ø7,20±0,33	Ø7,60±0,30
6	(Ø5,27mm) / 19 x (7 x 0,361)	(Ø5,27mm) / 7 x 150 x 0,127	(Ø5,30mm) / 3200 x 0,08	Ø7,10±0,20	Ø8,10±0,35	Ø8,40±0,25
4	(Ø6,66mm) / 19 x (7 x 0,455)	(Ø6,66mm) / 7 x 7 x 34 x 0,127	(Ø6,65mm) / 5000 x 0,08	Ø8,80±0,25	Ø10,70±0,38	Ø11,30±0,40
2	(Ø8,39mm) / 19 x (35 x 0,254)	(Ø8,39mm) / 7 x 7 x 54 x 0,127	(Ø8,40mm) / 6700 x 0,08	Ø11,0±0,30	Ø12,9±0,42	Ø13,30±0,45
0	(Ø10,40mm) / 19 x (55 x 0,254)	(Ø10,40mm) / 7 x 7 x 86 x 0,127		Ø13,9±0,30	Ø15,5±0,46	Ø16,00±0,50
00	(Ø11,65mm) / 19 x (70 x 0,254)	(Ø11,65mm) / 7 x 7 x 108 x 0,127		Ø14,8±0,35	Ø17,7±0,55	Ø18,30±0,60
000	(Ø13,20mm) / 37 x (45 x 0,254)			Ø16,4±0,40		
0000	(Ø14,90mm) / 37 x (57 x 0,254)			Ø18,8±0,40		

* Lütfen standart dışı üretimler için irtibata geçiniz. (Please contact us for non-standarts productions.)

KESİT TİPİ / ÇALIŞMA GERİLİMİ - CONDUCTOR TYPE / OPERATING VOLTAGE

15	-	TCC (Kalay Kaplı Bakır/Tin-Coated Copper) / 300 V.
12	-	TCC (Kalay Kaplı Bakır/Tin-Coated Copper) / 600 V.
9	-	TCC (Kalay Kaplı Bakır/Tin-Coated Copper) / 1.000 V.
14	-	SCC (Gümüş Kaplı Bakır/SilverCoated Copper) / 300 V.
11	-	SCC (Gümüş Kaplı Bakır/SilverCoated Copper) / 600 V.
8	-	SCC (Gümüş Kaplı Bakır/SilverCoated Copper) / 1.000 V.
13	-	NCC (Nikel Kaplı Bakır/NickelCoated Copper) / 300 V.
10	-	NCC (Nikel Kaplı Bakır/NickelCoated Copper) / 600 V.
7	-	NCC (Nikel Kaplı Bakır/NickelCoated Copper) / 1.000 V.

İZOLASYON TİPİ / INSULATION TYPE

Si	-	+150°C / Standart Flexible
SiH	-	+150°C / High Flexible
SiU	-	+150°C / Ultra High Flexible