

PERMA-KLEEN

Industrial Grade,
Watertight Antimicrobial



ERICSON
SAFETY IS OUR STANDARD



PERMA-KLEEN




Industry Leading Features:

- UL, CSA & NSF Approvals
- Exclusive Antimicrobial additive is molded throughout all of the nonmetallic components
- Antimicrobial additive is effective for the life of the product and inhibits growth of harmful bacteria - E.coli, Salmonella, Listeria along with Mold, Mildew and Fungi
 - External TPE Husk Molded for wider temperature range, higher crush, chemical resistance
- Exclusive 8-Point seal offers exceptional performance for high pressure and heat washdown
- Nickel Plated Device Blades and Contacts offer superior corrosion resistance and service life
- Antimicrobial Cord Grip Nut and Grommet System offer a wide range of cable sizes under one catalog number 82005-AM

 **Industry Leading, Ericson Exclusive**



Click image to the right or scan QR Code to download white paper on Controlling Dangerous Bacteria. 

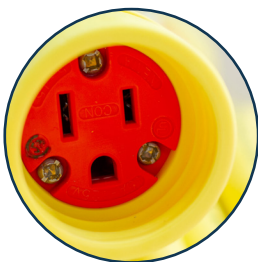


15-30 AMP Locking
Configurations

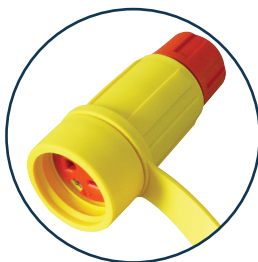


Industry Exclusive 1/2" NPT
Antimicrobial Cord Grip Kit

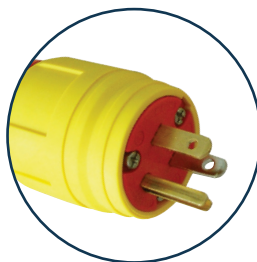
Unique Features:



8-Point Tongue &
Groove Seal Dust
& Moisture Seal



High temperature range,
external rubber husk
provides superior crush
& chemical resistance



Corrosion resistant
blades, contacts and
assembly screws



Optional Antimicrobial
Plug Cover offers
IP69K protection
when not in use



Exclusive Antimicrobial
SEOW Cord & Cordsets

NEMA Configuration Chart:

	Face View	NEMA Configuration	Amperage	Voltage	Perma-Kleen Plug	Perma-Kleen Connector
2-Pole / 3-Wire		NEMA 5-15	15A	125V	1510-PW6P-AM	1610-CW6P-AM
		NEMA 5-20	20A	125V	1512-PW6P-AM	1612-CW6P-AM
		NEMA L5-15	15A	125V	1520-PW6P-AM	1620-CW6P-AM
		NEMA L5-20	20A	125V	2310-PW6P-AM	2410-CW6P-AM
		NEMA L5-30	30A	125V	2510-PW6P-AM	2610-CW6P-AM
		NEMA 6-15	15A	250V	1514-PW6P-AM	1614-CW6P-AM
		NEMA 6-20	20A	250V	1516-PW6P-AM	1616-CW6P-AM
		NEMA L6-15	15A	250V	1522-PW6P-AM	1622-CW6P-AM
		NEMA L6-20	20A	250V	2312-PW6P-AM	2412-CW6P-AM
		NEMA L6-30	30A	250V	2512-PW6P-AM	2612-CW6P-AM
		NEMA L7-15	15A	277V	1524-PW6P-AM	1624-CW6P-AM
		NEMA L7-20	20A	277V	2314-PW6P-AM	2414-CW6P-AM
		NEMA L7-30	30A	277V	2514-PW6P-AM	2614-CW6P-AM
		Non-NEMA ¹	20A	125 / 250V	2316-PW6P-AM	2416-CW6P-AM
3-pole 3-wire		Non-NEMA ¹	20/10A	250 / 600V	2317-PW6P-AM	2417-CW6P-AM
		Non-NEMA ¹	15/10A	125 / 250V	1507-PW6P-AM	1607-CW6P-AM
		Non-NEMA ¹				
3-pole / 4-wire		NEMA L14-20	20A	125 / 250V	2320-PW6P-AM	2420-CW6P-AM
		NEMA L14-30	30A	125 / 250V	2520-PW6P-AM	2620-CW6P-AM
		NEMA L15-20	20A	250V / 3-phase	2322-PW6P-AM	2422-CW6P-AM
		NEMA L15-30	30A	250V / 3-phase	2522-PW6P-AM	2622-CW6P-AM
		NEMA L16-20	20A	480V / 3-phase	2324-PW6P-AM	2424-CW6P-AM
		NEMA L16-30	30A	480V / 3-phase	2524-PW6P-AM	2624-CW6P-AM
		NEMA L17-30	30A	600V / 3-phase	2526-PW6P-AM	2626-CW6P-AM
		Non-NEMA ¹	20A	120 / 208V	2326-PW6P-AM	2426-CW6P-AM
3-pole 3-wire		Non-NEMA ¹	30A	125 / 250V	2516-PW6P-AM	2616-PW6P-AM
		Non-Nema	250/600	250 / 600V	2317-PW6P-AM	2417-PW6P-AM
4-pole 4-wire		NEMA L18-30	30A	120 / 208V 3-phase wye	2530-PW6P-AM	2630-PW6P-AM
		Non-NEMA ¹	30A	120 / 208V 3-phase wye	2528-PW6P-AM	2628-PW6P-AM
4-pole 5-wire		NEMA L21-20	20A	120 / 208V 3-phase wye	2328-PW6P-AM	2428-CW6P-AM

¹All non-NEMA configurations are non-grounding

Portable Power - Perma-Kleen

Industrial Grade, Watertight & Antimicrobial

15-20 Amp, Straight Blade & Locking Configurations



Selection Guide:

NEMA Configuration	Amps	Volts	Product Number		
			Cord Length 25'	Cord Length 50'	Cord Length 100'
Outdoor 15-Amp Perma-Kleen with 25-100' 16/3 SEOW Yellow Perma-Kleen Cord					
5-15	15	125	1510PW6P163AYAM	1510PW6P163BYAM	1510PW6P163DYAM
6-15	15	250	1514PW6P163AYAM	1514PW6P163BYAM	1514PW6P163DYAM
L5-15	15	125	1520PW6P163AYAM	1520PW6P163BYAM	1520PW6P163DYAM
L6-15	15	250	1522PW6P163AYAM	1522PW6P163BYAM	1522PW6P163DYAM
L7-15	15	277	1524PW6P163AYAM	1524PW6P163BYAM	1524PW6P163DYAM
Outdoor 15-Amp Perma-Kleen with 25-100' 14/3 SEOW Yellow Perma-Kleen Cord					
Non-NEMA	15/10	125/250	1507PW6P143AYAM	1507PW6P143BYAM	1507PW6P143DYAM
5-15	15	125	1510PW6P143AYAM	1510PW6P143BYAM	1510PW6P143DYAM
6-15	15	250	1514PW6P143AYAM	1514PW6P143BYAM	1514PW6P143DYAM
L5-15	15	125	1520PW6P143AYAM	1520PW6P143BYAM	1520PW6P143DYAM
L6-15	15	250	1522PW6P143AYAM	1522PW6P143BYAM	1522PW6P143DYAM
L7-15	15	277	1524PW6P143AYAM	1524PW6P143BYAM	1524PW6P143DYAM
Outdoor 15-Amp Perma-Kleen with 25-100' 12/3 SEOW Yellow Perma-Kleen Cord					
5-15	15	125	1510PW6P123AYAM	1510PW6P123BYAM	1510PW6P123DYAM
6-15	15	250	1514PW6P123AYAM	1514PW6P123BYAM	1514PW6P123DYAM
L5-15	15	125	1520PW6P123AYAM	1520PW6P123BYAM	1520PW6P123DYAM
Outdoor 20-Amp Perma-Kleen with 25-100' 12/3 SEOW Yellow Perma-Kleen Cord					
5-20	20	125	1512PW6P123AYAM	1512PW6P123BYAM	1512PW6P123DYAM
6-20	20	250	1516PW6P123AYAM	1516PW6P123BYAM	1516PW6P123DYAM
L5-20	20	125	2310PW6P123AYAM	2310PW6P123BYAM	2310PW6P123DYAM
L6-20	20	250	2312PW6P123AYAM	2312PW6P123BYAM	2312PW6P123DYAM
L7-20	20	277	2314PW6P123AYAM	2314PW6P123BYAM	2314PW6P123DYAM
NON-NEMA	20	125 / 250V	2316PW6P123AYAM	2316PW6P123BYAM	2316PW6P123DYAM
Outdoor 20-Amp Perma-Kleen with 25-100' 12/4 SEOW Yellow Perma-Kleen Cord					
L14-20	20	125/250	2320PW6P124AYAM	2320PW6P124BYAM	2320PW6P124DYAM
L15-20	20	250/ 3-phase	2322PW6P124AYAM	2322PW6P124BYAM	2322PW6P124DYAM
L16-20	20	480/ 3-phase	2324PW6P124AYAM	2324PW6P124BYAM	2324PW6P124DYAM
L21-20	20	120/208 Wye	2428PW6P125AYAM	2428PW6P125BYAM	2428PW6P125DYAM

Portable Power Perma-Kleen

Industrial Grade, Watertight & Antimicrobial

30 Amp, Locking Configurations

Selection Guide:

NEMA Configuration	Amps	Volts	Product Number		
			Cord Length 25'	Cord Length 50'	Cord Length 100'
Outdoor 30-Amp Perma-Kleen with 25-100' 10/3 SEOW Yellow Perma-Kleen Cord					
L5-30	30	125	2510PW6P123AYAM	2510PW6P123BYAM	2510PW6P123DYAM
L6-30	30	250	2512PW6P123BYAM	2512PW6P123BYAM	2512PW6P123BYAM
L7-30	30	277	2514PW6P123AYAM	2514PW6P123BYAM	2514PW6P123DYAM
Outdoor 30-Amp Perma-Kleen with 25-100' 10/4 SEOW Yellow Perma-Kleen Cord					
L14-30	30	125/250	2520PW6P104AYAM	2520PW6P104BYAM	2520PW6P104DYAM
L15-30	30	125	2522PW6P104AYAM	2522PW6P104BYAM	2522PW6P104DYAM
L16-30	30	250	2524PW6P104AYAM	2524PW6P104BYAM	2524PW6P104DYAM
L17-30	30	277	2526PW6P104AYAM	2526PW6P104BYAM	2526PW6P104DYAM
L18-30	30	120/208 3-Phase Wye	2530PW6P104AYAM	2530PW6P104BYAM	2530PW6P104DYAM

Perma-Kleen Custom Cordset Design Form

Use the table and spaces below to customize your own Commercial Grade Cordset by typing or writing into the fields. Once complete, please forward to your Ericson Channel & Applications Team at sales@ericson.com.

Amp	Poles/Wires	Volts	Cable AWG/# of Conductors	Cable Jacket	Primary Options	Additional Features	Secondary Options
15 20 30	2P/3W 3P/3W 3P/4W 4P/4W 4P/5W	125 120/208 125/250 250 277 277/480 600	14/3 14/4 14/5 12/3 12/4 12/5 10/3 10/4	SJ SJOW SOW SOOW SEOW Other (specify) Color (specify)	Blunt Remove Cable Jacket (Length) Conductor Length(s) Crimp Terminals (specify) Molded 15A Plug (Black) Molded Watertite 15A Plug (Black) Perma-Kleen Straight or Locking	Wire Mesh I-Grip Bus Drop Mesh Cable Labeling Cable Printing	Blunt Remove Cable Jacket (Length) Conductor Length(s) Crimp Terminals (specify) Perma-Kleen Straight or Locking

Replacement Connector Covers & Plug Cover:



Features:

- Use with Ericson’s Perma-Kleen® plugs and connectors to seal out water, dust and other contaminants and protect blades from damage
- Eight-point rubber tongue and groove sealing system provides environmental protection
- Silicone cord grip nut covers are designed to channel liquids away from the cord and device

16CW-AM Fits 16XX CW6P-AM Connectors
24CW-AM Fits 24XX CW6P-AM Connectors
26CW-AM Fits 26XX CW6P-AM Connectors

15PW-AM Fits 15XX PW6P-AM Plug

Part Number	Description
15PW-AM	Male closure cap, for use with 15A Straight Blade & Locking devices and 20A Straight Blade devices.
16CW-AM	Female replacement cover for CW6P connectors
24CW-AM	Female Large replacement cover for CW6P connectors
26CW-AM	Female 30 Amp Large replacement cover for CW6P connectors
SIL-BOOT-LG5-BL	Blue silicone cord grip nut cover used for 20 & 30-Amp locking devices. Bag of 5.
SIL-BOOT-SM5-BL	Blue silicone cord grip nut cover used for 15-Amp straight & locking devices, and 20-Amp straight blade. Bag of 5.



SIL-BOOT-SM5 & LG5
Blue



-SM5



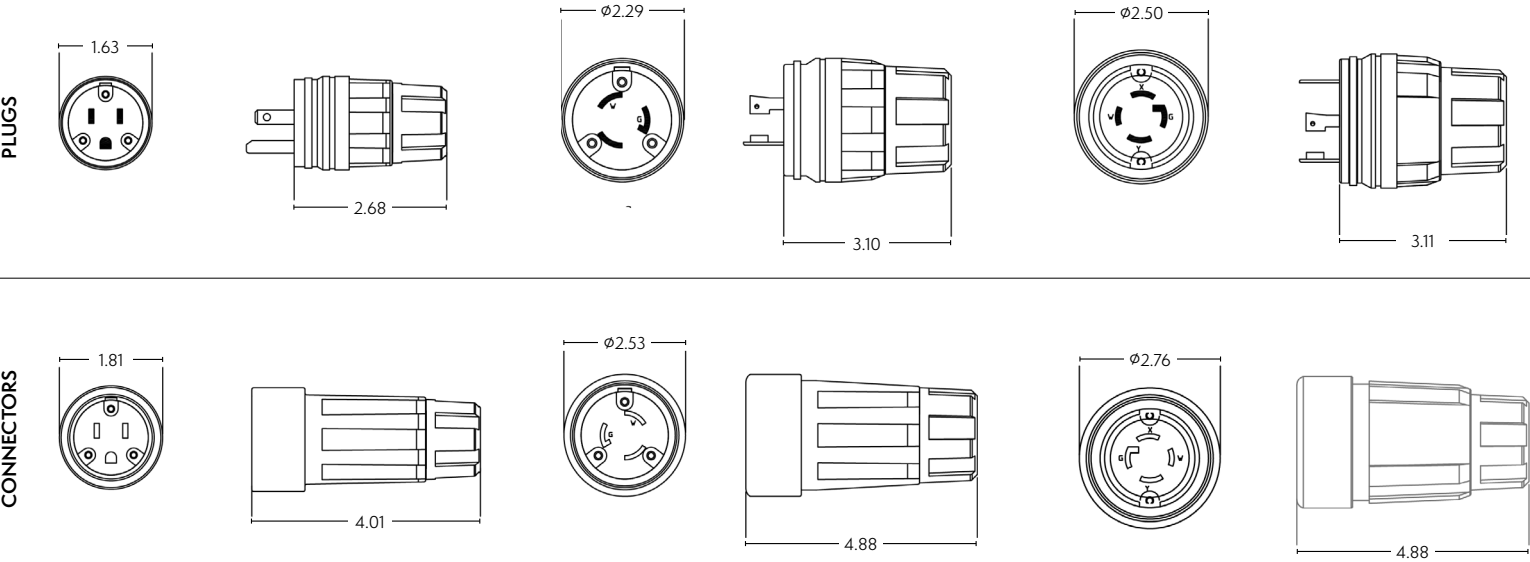
-LG5

Product Dimensions:

10/15/20-Amp Straight,
15-Amp Locking

20/30-Amp Locking, 2p, 3w

20/30-Amp Locking
4 & 5p, 4 & 5w



Ericson Watertight Grommet Guide

		B10200XX***						B10220XX***										
		Small White OVAL #24	Small Orange OVAL #25	Small Yellow #21	Small White #20	Small Red #16	Small Blue #18	Large White #91	Large Yellow #90	Large Black #89	Large Blue #88	Large Gray #87	Large Red #86	Large Orange #85				
		OVAL (UF) .160 x .360	OVAL (UF) .230 x .440	.370	.450	.560	.610	.450	.560	.630	.690	.750	.830	.900	WIRE			
															3	4	5	
MAX CORD DIA. (inch)																		
Plug	Connector			Yellow	White*	Red	Blue	White*	Yellow	Black	Blue	Gray	Red	Orange				
1510	1610	✓ Optional**	✓ Optional**	✓	✓	✓	✓								X			
1512	1612			✓	✓	✓	✓									X		
1514	1614			✓	✓	✓	✓									X		
1516	1616			✓	✓	✓	✓									X		
1520	1620			✓	✓	✓	✓									X		
1522	1622			✓	✓	✓	✓									X		
1524	1624			✓	✓	✓	✓									X		
2310	2410							✓	✓	✓	✓				X			
2312	2412							✓	✓	✓	✓				X			
2314	2414							✓	✓	✓	✓				X			
2316	2416							✓	✓	✓	✓				X			
2317	2417							✓	✓	✓	✓				X			
2320	2420								✓	✓	✓	✓				X		
2322	2422								✓	✓	✓	✓				X		
2324	2424								✓	✓	✓	✓				X		
2510	2610							✓	✓	✓	✓				X			
2512	2612							✓	✓	✓	✓				X			
2514	2614							✓	✓	✓	✓				X			
2516	2616							✓	✓	✓	✓				X			
2520	2620										✓	✓	✓	✓		X		
2522	2622										✓	✓	✓	✓		X		
2524	2624										✓	✓	✓	✓		X		
2526	2626										✓	✓	✓	✓		X		
2528	2628										✓	✓	✓	✓		X		
2530	2630										✓	✓	✓	✓		X		
2328	2428								✓		✓	✓	✓				X	

Note:

To build a grommet catalog number replace the "XX" with grommet number desired, e.g. B1020021

*May also appear as light tan

**May be ordered separately - Call for details

*** Add -AM for Antimicrobial Characteristics


✓ = included in package

B10200XX***					
#24	#25	#21	#20	#16	#18

Antimicrobial 1/2" NPT Nonmetallic Cord Grip Kit		
Part Number	Cable Range	
82005-AM	.37-.61	

B10220XX***						
#91	#90	#89	#88	#87	#86	#85

Antimicrobial Portable Cord - Yellow SEOW

Part Number	AWG Cable Size & # of Conductors	Overall Spool/ Reel Length	Part Number	Order by the ft
183250-AM	18/3	250	183AM	1 - 250
163250-AM	16/3	250	163AM	1 - 250
143250-AM	14/3	250	143AM	1 - 250
144250-AM	14/4	250	144AM	1 - 250
123250-AM	12/3	250	123AM	1 - 250
124250-AM	12/4	250	124AM	1 - 250
103250-AM	10/3	250	103AM	1 - 250
104250-AM	10/4	250	104AM	1 - 250
1631000-AM	16/3	1000		
1431000-AM	14/3	1000		
1441000-AM	14/4	1000		
1231000-AM	12/3	1000		
1241000-AM	12/4	1000		
1031000-AM	10/3	1000		
1041000-AM	10/4	1000		

Diameter Ranges of Portable Electrical Cord in Accordance with UL 62

Type	AWG Size	2 Conductors	3 Conductors	4 Conductors
SJ, SJE, SJO, SJO, SJEO, SJT, SJTO, SJTOO	18	0.280-0.315	0.300-0.335	0.325-0.365
	16	0.305-0.340	0.325-0.360	0.350-0.395
	14	0.335-0.375	0.360-0.395	0.390-0.435
	12	0.405-0.455	0.425-0.475	0.465-0.520
	10	0.540-0.605	0.565-0.635	0.625-0.700
S, SE, SOO, SO, SEO, ST, STOO, STO	18	0.340-0.385	0.360-0.400	0.385-0.430
	16	0.365-0.410	0.385-0.430	0.410-0.460
	14	0.495-0.550	0.520-0.575	0.560-0.620
	12	0.565-0.625	0.590-0.655	0.640-0.710
	10	0.615-0.685	0.650-0.720	0.700-0.775

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Perma-Link
1510-P, 1610-C



Perma-Grip
1510-PG, 1610-CG



FS Series Straight
and Locking Covers



PWDX Series Straight
and Locking Receptacles



SmartMonitor
AEGCP Compliant
1510-PW6PL, 1610-CW6PL



Perma-Tite
Gray



Perma-Tite



6200 Series
Boxes

Factory & Custom Assembled Cordsets:



Perma-Link Cordset



Perma-Tite® Cordset



Perma-Kleen Cordset



SmartMonitor Cordset



Ericson Manufacturing Company
4323 Hamann Parkway
Willoughby, OH 44094, USA



1-800-ERICSON
info@ericson.com
L1000707F
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