

IPON® Features

Easy to install

Simply insert your cord into the IPON, tighten the dome-nut and the cable is fixed, centered, sealed and strain relieved. No disassembly required.

Liquid Tight

The IPON is NEMA 6P (IP 68)

Cable Protection

Our innovative seal and clamp design allows the IPON cord connector sealing ring to tighten around the cable in a circular fashion, thereby providing outstanding strain relief without twisting or damage to the cord.

Vibration Proof

Robust, tried and true single buttress threads have been integrated into the IPON design. This thread type ensures protection against vibration, even under extreme conditions.

Cost effective

Typically 1/3 the cost of a metal equivalent.

Versatile

7 NPT fittings (3/8" - 2") cover cable diameters from .157" - 1.7". The IPON is available in NPT, Pg & Metric thread types. (Cable ranges from .177" up to 1.732")



IPON ® Quick Reference Guide:

- Three Colors-Black, Grey & Light Grey
- 7 NPT Thread Types: NPT 3/8" to 2"
- 8 Metric Thread Types: M12 to M63
- 10 Pg Thread Types: Pg 7 to Pg 48
- PVC Locknuts available for most sizes.



IPON CORD CONNECTORS NPT, PG & METRIC SIZES

Material: Halogen Free Polyamide, Silicone Free
Sealing Grommet: Neoprene
Temp Range: Permanent -30°C to 100°C (-22°F to 212°F)
 Short Term 150° C
Protection Class: IP68, 5 bar / Comparable to NEMA 6P
Flame Resistance: UL 94 V0, Incandescent wire
 Test 850°C to VDE Standard 0471/DIN IEC 695,
 Part 2-1



Rated Size	Part # Light Grey	Part # Grey	Part # Black	Cable Range (Inches)	Cable Range (mm)	Thread Length (mm)	Knockout Diameter (mm)	Box Qty.	
NPT SIZES	NPT 3/8"	1234N3801	1234N3802	1234N3803	.157-.315	4-8	15	17.1	50
	NPT 1/2"	1234N1201	1234N1202	1234N1203	.236-.472	6-12	15	21.3	50
	NPT 3/4"	1234N3401	1234N3402	1234N3403	.472-.709	12-18	15	26.7	25
	NPT 1"	1234N1001	1234N1002	1234N1003	.669-.984	17-25	19	33.4	10
METRIC SIZES	NPT 1-1/4"	1234N11401	1234N11402	1234N11403	.866-1.260	20-32	19	42.2	10
	NPT 1-1/2"	1234N11201	1234N11202	1234N11203	1.181-1.496	32-38	19	48.3	5
	NPT 2"	1234N2001	1234N2002	1234N2003	1.457-1.732	37-44	19	60.3	5
	M 12 X 1.5	1234M1201	1234M1202	1234M1203	.118-.256	4-6	8	12	50
	M 16 X 1.5	1234M1601	1234M1602	1234M1603	.157-.315	5.5-8	8	16	50
	M 20 X 1.5	1234M2001	1234M2002	1234M2003	.236-.472	7-12	9	20	50
	M 25 X 1.5	1234M2501	1234M2502	1234M2503	.472-.709	12-18	12	25	25
	M 32 X 1.5	1234M3201	1234M3202	1234M3203	.669-.984	18-25	12	32	10
PG SIZES	M 40 X 1.5	1234M4001	1234M4002	1234M4003	.787-1.260	22-32	13	40	10
	M 50 X 1.5	1234M5001	1234M5002	1234M5003	1.260-1.496	32-38	13	50	5
	M 63 X 1.5	1234M6301	1234M6302	1234M6303	1.456-1.732	38-44	14	63	5
	Pg 7	1234P0701	1234P0702	1234P0703	.118-.256	3-6.5	8	12.5	50
	Pg 9	1234P0901	1234P0902	1234P0903	.157-.315	4-8	8	15.2	50
	Pg 11	1234P1101	1234P1102	1234P1103	.197-.394	5-10	8	18.6	50
	Pg 13.5	1234P1301	1234P1302	1234P1303	.236-.472	6-12	9	20.4	50
	Pg 16	1234P1601	1234P1602	1234P1603	.354-.551	9-14	10	22.5	50
	Pg 21	1234P2101	1234P2102	1234P2103	.472-.709	12-18	11	28.3	25
	Pg 29	1234P2901	1234P2902	1234P2903	.669-.984	17-25	11	37.0	10
Pg 36	1234P3601	1234P3602	1234P3603	.787-1.260	20-32	13	47.0	10	
Pg 42	1234P4201	1234P4202	1234P4203	1.260-1.496	32-38	13	54.0	5	
Pg 48	1234P4801	1234P4802	1234P4803	1.456-1.732	37-44	14	59.3	5	

NEW

Applications:

Control Panels

**Agricultural / Food
Processing Machinery**

Power Washers

HVAC Equipment

Landscape Lighting

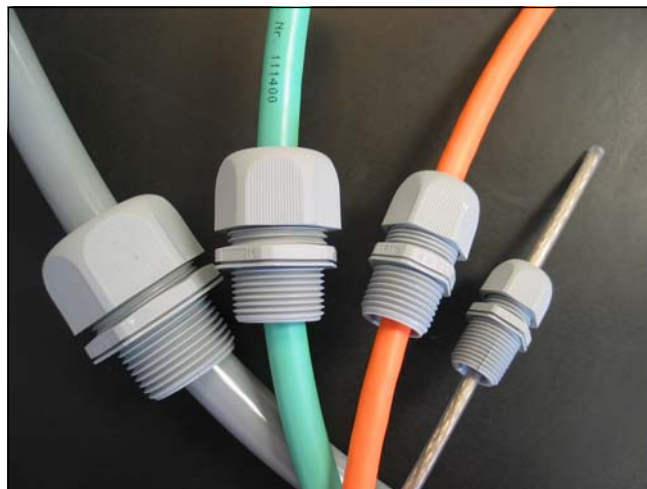
Marine Industry

Fiber Optic Cable

Machine Tool OEM's

Lighting OEM's

Instruments



IPON Installation



**Screw the IPON
into the panel / plate
or tighten with op-
tional locknut.**



Insert the cable.



**Tighten dome-nut as
specified.**