

## Identifying Power Cables

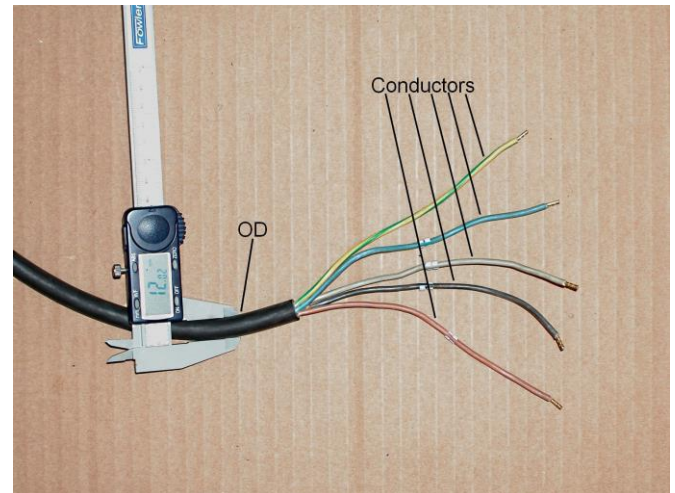
Power Cables are frequently modified or shipped in a non-standard configuration to fit customer needs. Therefore it is important to determine exactly which cable is used because once new cable is cut it is non-refundable.

### You will need:

- Measuring device (ruler, calipers, tape measure)
- Determine the color of the cable jacket. Yellow cables are for explosion-proof pumps and black cables are for standard pumps.
- Measure the outside jacket diameter (OD) of the cable.
- Count the number of conductors to verify the selection made.
- Check the Power Cable ID Chart for the measured diameter under the "Jacket Dia." section. This will give you the cable size which Homa defines as the number of conductors followed by the area of the conductors.
- REMEMBER: before placing your order, measure the cable length to be replaced. The standard length is 10 meters, or about 30 feet. Please specify if more is needed.

### Water Damage

When measuring a water-damaged cable, keep in mind that it may have swelled and expanded. If this is the case, the best way to determine the cable size is to measure the diameter of the sheath of one conductor, the "Conductor Sheath Diameter." To convert millimeters to inches, multiply by .0394.



### Power Cable ID Chart

Cable Size	Part Number	Jacket Color	Jacket Dia. mm(in)	Number of Conductors	Conductor Sheath Dia. (in.) approx
4x1.5	1041541	Black	11(.44)	4	.115 - .125
5x1.5	1041551	Black	12(.472)	5	.115 - .125
7x1.5	1042871	Black	13(.5)	7	.115 - .125
7x1.5	1041871	Black	16(.66)	7	.115 - .125
7x2.5	1041872	Black	18(.74)	7	.145 - .152
7x4	1041874	Black	22(.875)	7	.180 - .188
10x1.5	1041925	Black	21(.86)	10	.145 - .152
10x4	1041940	Black	24(.97)	10	.180 - .188
5x6	1041561	Black	19(.75)	5	.205 - .215
4x4	1041744	Black	16(.66)	4	.175 - .182
4x6	1041746	Black	18(.74)	4	.205 - .215
4x10	1041410	Black	23(.91)	4	.262 - .270
4x16	1041416	Black	28(1.09)	4	.308 - .315
4x25	1041426	Black	31.7(1.25)	4	.330 - .345
4x1.5	1046041	Yellow	13	4	.115 - .125
5x1.5	1046050	Yellow	14(5/9")	5	.115 - .125
7x1.5	1046071	Yellow	17	7	.115 - .125
7x2.5	1046072	Yellow	19	7	.145 - .152
5x6	1046056	Yellow	22	5	.205 - .215
4x4	1046044	Yellow	17.8	4	.175 - .182
4x6	1046046	Yellow	19.5	4	.205 - .215
3x6/3x1.5	1046036	Yellow	21(83)	6/1.5	N/A N/A
4x10	1046047	Yellow	22.8(.901)	10	.262 - .270
4x16	1046048	Yellow	28.2(1.11)	16	.308 - .315
4x25	1046080	Yellow	25(1.313)	25	.330 - .345
4x35	1046035	Yellow	35(1.382)	35	.410 - .418