

ProPlex[®]

**DMX PowerData Cable
PC222T143**

The FIRST and ONLY Listed combination Data + Power cables!



- **Totally unique! Built to a new, collaboratively developed UL standard.**
- **Convenience + Safety + Reduced Liability!**
- **100% “legal” for extra-hard duty usage per NEC 520 and 530!**
- **Previously unavailable in combined data/power cables**
- **Flexible, Durable, Outdoor rated!**
- **Suitable for permanent installation or long-term portable use**
- **Famous ProPlex handling, reliability, data integrity!**



RoHS
Compliant

Many assembly variations available!

Data Ends	Power Ends
5-pin XLR	Bare End
3-pin XLR	CEEform Blue M/F
	Edison 5-15 M/F
	Edison 5-20 M/F
	L5-15 M/F
	L5-20 M/F
	L6-15 M/F
	L6-20 M/F
	PowerCON Blue/Grey
	PowerCON True1 M/F
	Stage Pin M/F
And more !	

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General Specifications

Data Assembly	Conductors	Material	Tinned annealed copper
		Size and Stranding	22 AWG, 19 strands 34 AWG
	Insulation	Material	Cellular polyethylene
		Wall Thickness	0.023" nom.
		Diameter	0.078" nom.
	Assembly	Color Code	Black, white
		Lay Length	2 1/2" nom. left hand
	Shields	Type	Composite foil and copper braid
		Foil material	Aluminum/polyester tape, aluminum side out
		Copper braid	Tinned annealed copper, 65% coverage
		Effective Shield Coverage	100%
	Jacket	Material	Polyvinyl chloride
		Wall Thickness	0.030" nom.
Diameter		0.265" nom	
Color		Black	
Power Assembly	Conductors	Material	Bare annealed copper
		Size and Stranding	14 AWG, 41 strands 30 AWG
	Insulation	Material	Polyvinyl chloride
		Wall Thickness	0.030" nom.
		Diameter	0.136" nom.
	Assembly	Color Code	Black, white, green
		Lay Length	3" nom. left hand
		Separator	0.001" clear polyester tape, 25% nom. overlap.
	Jacket	Material	Polyvinyl chloride
		Wall Thickness	0.030" nom.
		Diameter	0.365" nom
		Marking	POWER UNIT 3/C 14 300 VOLTS, printed in white ink
	Overall Assembly	Assembly	Lay Length
Fillers			Fibrilated polyethylene as required
Separator			0.001" clear polyester tape applied helically with 20% overlap
Jacket		Material	Polyvinyl chloride
		Wall Thickness	0.080" nom.
		Diameter	0.795" nom.
		Color	Black
Markings		Type	Surface printing in white ink
		Legend	PROPLEX POWERDATA PC222T143 UHPS/C (UL) 14/3 + 1XDMX 1PR 22 E492357 60C
Weight		TBD	

Electrical Specifications (DMX pair)

Capacitance	Between conductors	13 pF/ft.
	Conductor to shield	21 pF/ft.
Characteristic impedance		110 Ohms nom.
Resistance at 20°C		15 Ohms/1000 ft.
Temperature Rating		60°C max.