

ProPlex[®]

DMX PowerData Cable PC222T143

The **FIRST** and **ONLY** combination Data + Power cables built and tested to pass stringent UL safety standards for stage and studio use!



- **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!**



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
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	10" nom. left hand
		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.	