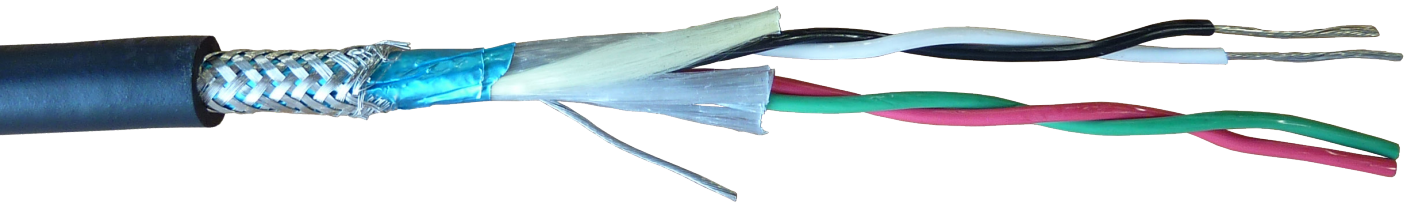
ProPlex®

SUBMERSIBLE DATA CABLE
PC224WL

Submersible DMX data cable consisting of two insulated pairs of 22 AWG tinned copper conductors, twisted and cabled with fillers, aluminum foil, a drain wire and a braid under an overall jacket. UL Listed and RoHS compliant.

Suitable for use in untreated fresh and salt water, and most commonly used swimming pool chemical systems, up to 10m depth.



Specifications	
Conductors	22 AWG [0.34 mm²] Tinned Annealed Copper Stranding 19/34
Insulation	Material: Thermoplastic elastomer
	Nom. wall: 0.021” [0.53 mm]
	Nom. Conductor Diameter: 0.074” [1.9 mm]
Colour Code	Black/White, Red/Green
Pair Assembly	1.75” nom. left hand lay
Cable Assembly	2 pairs cabled with fibrillated polypropylene fillers. 2.75” nom. left hand lay.
Shields	Aluminum / polyester foil, aluminium side out with 25% overlap, 100% coverage with drain wire.
	Braid 36 AWG Tinned Annealed Copper 85% coverage
Drain Wire	22 AWG [0.34 mm²] Tinned copper stranded 19/34
Jacket	Material: Flame retardant thermoplastic elastomer
	Colour: Black
	Nom. wall: 0.045” [1.14 mm]
	Nom. overall diameter: 0.375” [9.5 mm] +/- 0.020” [0.51mm]
	Legend (Indent): PROPLEX 22 AWG 2 PAIR TYPE CL2X (UL) E177741 WATER RESISTANT SUN RES 105C – SUBMERSIBLE DATA CABLE
Submersion Depth	30 ft/10 m max.
Bend Radius	1.875” [47.6 mm] nom.
Weight	83 lbs/mft [123.5 kg/km]. Ordered per reel at a length of 1000 ft.
Impedance	95 Ohms nom.
Capacitance	14.5 pF/ft. nom. conductor-to-conductor 30 pF/ft. nom. conductor-to-shield

Note: Purchase quantities are in 1000′ reels

UL LISTED

RoHS Compliant

Worldwide Exclusive Distribution

Los Angeles +1 818.899.8818 | London +44 (0)20.8574.9700 | New York +1 201.896.8600 | Toronto +1 519.538.0888 | Beijing +86 10.8492.1587 | Riga +371 6389 8886

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