



**PC224P: 2-pair DMX512 cable, Extra-rugged, double-shielded, low capacitance.**



**PC222P: 1-pair DMX512 cable, Extra-rugged, double-shielded, low capacitance.**

## THE BEST INVESTMENT YOU'LL EVER MAKE

*ProPlex "P" series data cables are built to survive the toughest conditions, yet handle and coil well, again and again and again. They have been exhaustively developed, tested and re-tested. When data transmission is critical, there is only one option.*

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PC222P, PC224P: Extra-rugged, flexible data cables, double-shielded, low capacitance. Suitable for MIDI, DMX512, RS485/RS422 and other formats in portable applications.

TESTING: TMB guarantees that all ProPlex data cables perform to specification as follows: Continuity, Impedance, and Capacitance.

Specifications		
Part Number	PC222P	PC224P
Conductors	22 AWG [0.34 mm <sup>2</sup> ] Tinned, annealed copper stranded 19 x 34	
Insulation	200° C, 300 Volt FEP. Nom. wall: 0.015" [0.38 mm] Min. wall: 0.013" [0.33 mm]	
Colour Code	Black paired with White	Black paired with White, Red paired with Green
Assembly	Pairs cabled with Kevlar strength member	
Shield	Inner: Aluminium / mylar, 100% coverage Outer: Tinned copper braid, 85% coverage	
Drain	None	
Jacket	Black UV-resistant Polyurethane Nom. wall: 0.060" [1.52 mm] Elongation: 550% Tensile strength: 5,000 psi High pressure extrusion	
Legend	PROPLEX PC222P 22 AWG 1 PAIR LOW CAP SHIELDED CONTROL CABLE	PROPLEX PC224P 22 AWG 2 PAIR LOW CAP SHIELDED CONTROL CABLE
Physical	Outside diameter: 0.215" [5.46 mm] nom. Weight: 29 lbs. per 1,000 ft. [41.3 Kg/Km]	Outside diameter: 0.285" [7.24 mm] nom. Weight: 45 lbs. per 1,000 ft. [64 Kg/Km]
Temperature	Plus 105° C, minus 40° C	
Conductivity	14.5 Ohms (max.) per 1,000 ft. @ 25° C	
Characteristic Impedance	80 Ohms	110 Ohms
Capacitance	22pf / ft. nom. cond.-to-cond. 41pf / ft. nom. cond.-to-shield	13pf / ft. nom. cond.-to-cond. 25pf / ft. nom. cond.-to-shield
Inductance	0.32 uH / ft. nom.	0.31 uH / ft. nom.
Bend Radius	1.3" minimum	1.75" minimum