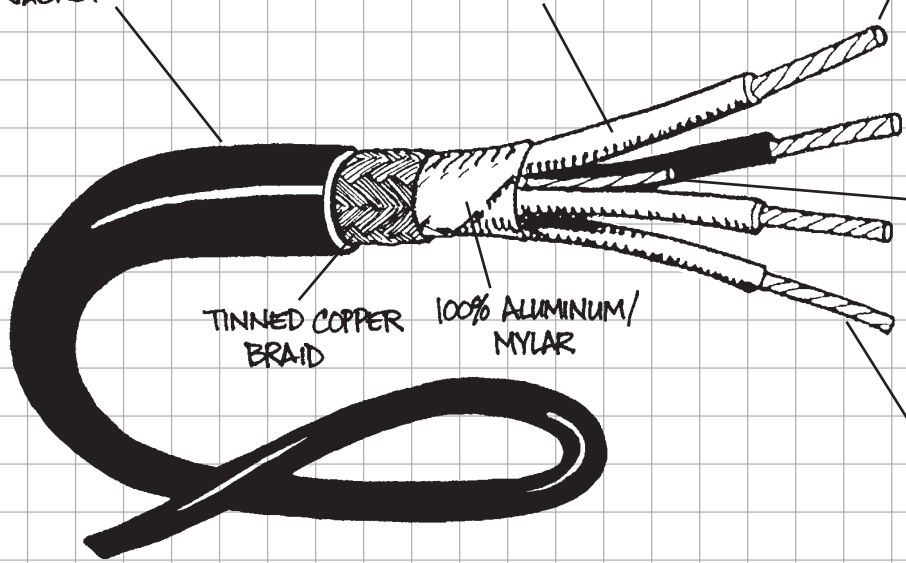


ProPlex™ - PORTABLE DATA CABLES

ULTRA TOUGH
MILITARY-GRADE
FLAME RETARDANT
JACKET

DURABLE 200°C CONDUCTOR
INSULATION FOR
* LOW CAPACITANCE
* HIGH TEMPERATURE PROTECTION

TWISTED PAIRS
* 22 AWG
TINNED COPPER



600# TEST
STRENGTH
MEMBER

TINNED COPPER
BRAID

100% ALUMINUM/
MYLAR

FINE STRANDING
FOR:
* RELIABILITY
* FLEXIBILITY

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.

ProPlex™

PROFESSIONAL CONTROL CABLE



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ProPlex™ PORTABLE CABLE SPECIFICATIONS

PP1, PP2 : Extra-rugged, flexible data cables, double-shielded, low capacitance. Suitable for MIDI, DMX512, RS485/RS422 and other formats in portable applications.

TESTING: All ProPlex data cables are tested to specification as follows: Hi Pot, Continuity, Impedance, and Capacitance.

	PP1	PP2
CONDUCTORS	22 AWG Tinned, annealed copper stranded 19 x 34	
INSULATION	Color coded, 200° C, 300 volt FEP. Black/White Nom. wall: 0.015" Min. wall: 0.013"	Color coded, 200° C, 300 volt FEP. Black/White, Red/Green Nom. wall: 0.015" Min. wall: 0.013"
ASSEMBLY	Pairs cabled with Kevlar strength member	
SHIELD	Inner: Aluminum / mylar, 100% coverage Outer: Tinned copper braid, 85% coverage	
DRAIN	N o n e	
JACKET	Black polyurethane Nom. wall: 0.060" Elongation: 550% Tensile strength: 5,000 psi High pressure extrusion	
PHYSICAL	Outside diameter:0.215" nom. Weight: 29 lbs. per 1,000 ft.	Outside diameter:0.285" nom. Weight: 45 lbs. per 1,000 ft.
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