



Description: Drop Connector EX6-51/83

TYPICAL DATA SHEET

Electrical

	Specification			Standard
Frequency Range	5 MHz – 2200 MHz			
Impedance	75 Ω Nominal			
	Better than	Typical		
Return Loss	-33 dB	-36.1 dB	5 MHz – 500 MHz	IEC 61169-1, 9.2.1.4
	-29 dB	-32.0 dB	500 MHz – 860 MHz	
	-27 dB	-30.9 dB	860 MHz – 1000 MHz	
	-23 dB	-26.4 dB	1000 MHz – 1750 MHz	
Insertion Loss	-0.06 dB	-0.04 dB	5 MHz – 500 MHz	
	-0.06 dB	-0.04 dB	500 MHz – 860 MHz	
	-0.07 dB	-0.05 dB	860 MHz – 1000 MHz	
	-0.13 dB	-0.11 dB	1000 MHz – 1750 MHz	
Amp Rating	≥ 2 A			
Shielding	Minimum Class: B			EN 50117
Dielectric Strength	≥ 2 KV			IEC 61169-1, 9.2.6
Insulation Resistance	≥ 29.99 G Ω @ 500V DC			IEC 61169-1, 9.2.5
CPD	Passed			

Environmental

	Specification	Standard
Temperature range Operating	-40°C to +60°C	
Temperature range Installation	-5°C to +50°C	
Corrosion Protection		ASTM B 117-94

Mechanical

	Specification	Standard
Interface	F Male	IEC 61169-24
Pull Strength	≥ 15 kgf	ANSI/SCTE 99
Approved Compression Tool	VT150 & VT300 & CAT-AS-EX	

Material and Finish

	Specification	Standard
Housing	NiSn (NITIN) plated Brass	ASTM B605
O'ring	Teflon	

In order to continue to supply the best products, PPC reserves the right to change the products and specifications at any time without prior notice.