



Description: Drop connector EX6-51/83.

SPECIFICATIONS

Electrical

	Spec.	Standard
Frequency Range	5 MHz – 2200 MHz	
Impedance	75 Ω Nominal	
Return loss (VSWR)	≥ 32 dB (1.051) 5 MHz – 500 MHz ≥ 31 dB (1.058) 500 MHz – 860 MHz ≥ 30 dB (1.065) 860 MHz – 1000 MHz ≥ 23 dB (1.001) 1000 MHz – 1750 MHz	IEC 61196-1, 9.2.1.4
Insertion loss	Better than -0.1 dB typical	IEC 61196-1, 9.2.8
Inner conductor Resistance	0.5 m Ω @ 1A DC	IEC 61169-1, 9.2.3
Amp Rating	3 A	
Shielding	Class A+	EN 50117
Dielectric Strength	2 kV	IEC 61169-1, 9.2.6
Insulation Resistance	$\geq 29,99$ G Ω @ 500V DC	IEC 61169-1, 9.2.5

Environmental

	Spec.	Standard
Temperature range Operating	-40°C to +80°C	
Temperature range Installation	-5°C to +50°C	
Sealing Test	IPX8	IEC 529
Corrosion Protection		ASTM B 117-94

Mechanical

	Spec.	Standard
Interface	Fm	IEC 61169-24
Pull Strength	22 kg	ANSI/SCTE 99
Use approved compression tool	VT150 – VT300 – CAT-AS-EX – EX59/6 CAT	

Material and Finish

	Spec.	Standard
Housing	NiSn (NITIN) plated Brass	ASTM B605
Inner conductor		
O rings	EPDM	
Insulators		

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.