



Description: Drop connector EX6-49/83.

## SPECIFICATIONS

### Electrical

	Spec.	Standard
<b>Frequency Range</b>	5 MHz – 2200 MHz	
<b>Impedance</b>	75 Ω Nominal	
<b>Return loss (VSWR)</b>	≥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
<b>Insertion loss</b>	Better than -0.1 dB typical	IEC 61196-1, 9.2.8
<b>Inner conductor Resistance</b>	0.5 mΩ @ 1A DC	IEC 61169-1, 9.2.3
<b>Amp Rating</b>	3 A	
<b>Shielding</b>	Class A+	EN 50117
<b>Dielectric Strength</b>	2 kV	IEC 61169-1, 9.2.6
<b>Insulation Resistance</b>	≥ 29,99 GΩ @ 500V DC	IEC 61169-1, 9.2.5

### Environmental

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

### Mechanical

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

### Material and Finish

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

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.