



Description: Hardline Connector, B071 – F male.

### TYPICAL DATA SHEET

#### Electrical

	Specification	Standard
Frequency Range	5 MHz – 3000 MHz	
Impedance	75 $\Omega$ Nominal	
Return Loss	$\geq 30$ dB	5 MHz – 1000 MHz IEC 61169-1, 9.2.1.4
Insertion Loss	$\leq 0.1$ dB	5 MHz – 1000 MHz
Inner Conductor Resistance	$\leq 1.0$ m $\Omega$ @ 1 A.	IEC 61169-1, 9.2.3
Amp Rating	$\geq 4$ A @ 60 V.	
Shielding	Minimum Class: A+	EN 50117
Dielectric Strength	$\geq 2$ KV	IEC 61169-1, 9.2.6
Insulation Resistance	$\geq 29.99$ G $\Omega$ @ 500V DC	IEC 61169-1, 9.2.5
CPD	-110 dBc	ANSI/SCTE 109 2005

#### Environmental

	Specification	Standard
Temperature range Operating	-30°C to +75°C	
Temperature range Installation	-5°C to +50°C	
Sealing test	IPX8 – 1 meter / 24 hours	IEC 60529
Corrosion Protection		ASTM B 117-94
Red Dye		ANSI/SCTE 60

#### Mechanical

	Specification	Standard
Interface	F	IEC 61169-24
Pull Strength	$\geq 50$ kgf	ANSI/SCTE 99

#### Material and Finish

	Specification	Standard
Housing	NiSn (NITIN) plated Brass	ASTM B605
Inner Conductor	NiSn (NITIN) plated Brass	ASTM B605
Compression Ring	NiSn (NITIN) plated Brass	ASTM B605
O'ring	EPDM	
Insulators	Polycarbonate, Polyethylene	

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.

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