



Description: Drop Connector AquaTight F Male.
(Measured with Bedea Telass 110-M Cable)

DATA SHEET

Electrical

	Specification			Standard
Frequency Range	5 MHz – 3.000 MHz			
Impedance	75 Ω nominal			
	Better Than	Typical		
Return Loss	-27 dB -23 dB -22 dB -15 dB	-30.0 dB -26.7 dB -25.3 dB -18.4 dB	5 MHz – 500 MHz 500 MHz – 860 MHz 860 MHz – 1.000 MHz 1.000 MHz – 1.750 MHz	IEC 61169-1, 9.2.1.4
Gated Return Loss	-32 dB -29 dB -27 dB -21 dB	-35.4 dB -32.0 dB -30.9 dB -24.3 dB	5 MHz – 500 MHz 500 MHz – 860 MHz 860 MHz – 1.000 MHz 1.000 MHz – 1.750 MHz	IEC 61169-1, 9.2.1.4
Insertion Loss	-0.04 dB -0.04 dB -0.04 dB -0.06 dB	-0.01 dB -0.01 dB -0.01 dB -0.03 dB	5 MHz – 500 MHz 500 MHz – 860 MHz 860 MHz – 1.000 MHz 1.000 MHz – 1.750 MHz	
Shielding Effectiveness (Measured with CoMeT)	Transfer Impedance @ 5 – 30 MHz ≤ 0.6 m Ω /item Screening Attenuation @ 30 – 1.000 MHz ≥ 102.5 dB Screening Attenuation @ 1.000 – 2.000 MHz ≥ 95.5 dB Screening Attenuation @ 2.000 – 3.000 MHz ≥ 95.4 dB Class: A+			IEC 62153-4-3 IEC 62153-4-4 IEC 62153-4-4 IEC 62153-4-4 EN 50117
Common Path Distortion	≤ -110 dBc			ANSI/SCTE 109 2005
Amp. Rating	≤ 4 A.			
Dielectric Strength	≥ 2 KV.			IEC 61169-1, 9.2.1.6
Insulation Resistance	≥ 29.99 M Ω @ 500 V.			IEC 61169-1, 9.2.1.5

Environmental

	Specification	Standard
Temperature range Operating	-40°C to +60°C	
Temperature range Installation	-5°C to +50°C	
Sealing Test	IPX8 – 1 meter / 24 hours	IEC 60529
Corrosion Protection		ASTM B 117-94

Mechanical

	Specification	Standard
Interface	F	IEC 61169-24
Pull Strength	≥ 15 kgf	ANSI/SCTE 99
Approved Compression Tool	VT150DK-rev. 2, VT-300 & CT2-AS-EX	

Material and Finish

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

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.