



TELESTE: KDF401

Description: Hardline B107 – F Male.

TYPICAL DATA SHEET

Electrical

	Typical Specification	Standard
Frequency Range	5 MHz – 3000 MHz	
Impedance	75 Ω Nominal	
Return loss	≤ -30 dB 5 MHz – 500 MHz ≤ -27 dB 500 MHz – 860 MHz ≤ -26 dB 860 MHz – 1000 MHz ≤ -26 dB 1000 MHz – 1750 MHz	IEC 61169-1, 9.2.1.4
Insertion loss	Better than -0.1 dB	IEC 61169-1, 9.2.8
Inner conductor Resistance	≤ 1 m Ω @ 1A DC	IEC 61169-1, 9.2.3
Amp Rating	≥ 4 A	
Shielding	Better than 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
CPD	≤ -110 dBc	

Environmental

	Typical Specification	Standard
Temperature range Operating	-40°C to +85°C	
Temperature range Installation	-5°C to +50°C	
Sealing Test	IPX8	IEC 60529
Corrosion Protection		ASTM B 117-94

Mechanical

	Typical Specification	Standard
Interface	F	IEC 61169-24
Pull Strength	≥ 50 kg	ANSI/SCTE 99

Material and Finish

	Typical Specification	Standard
Housing	NiSn (NITIN) plated Brass	ASTM B605
Inner conductor	NiSn (NITIN) plated Brass	ASTM B605
O'rings	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.