

Hardline Connector

PP1015FMTX



Technical Data

Electrical Specifications

Specification	Value	Standard
Frequency Range	5 MHz – 3000 MHz	
Impedance	75 Ω Nominal	
Return Loss (5 MHz - 1.8 GHz)	\geq -25 dB	IEC 61169-1, 9.2.1.4
Insertion Loss (5 MHz - 1.8 GHz)	\leq -0.25 dB	
Inner Conductor Resistance	\leq 0.5 m Ω @ 1 A.	IEC 61169-1, 9.2.3
Shielding	Minimum Class: A+	EN 50117
Dielectric Strength	\geq 3 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	ANSI/SCTE 109 2005



Environmental Specifications

Specification	Value	Standard
Temperature Range (Operating)	-40°C to 85°C (-40 °F to 185°F)	
Temperature Range (Installation)	-5°C to 50°C (23 °F to 122 °F)	
Sealing Test	IPX8 – 1 meter / 24 hours	IEC 60529
Corrosion Protection	ASTM B 117-94	

Mechanical Specifications

Specification	Value	Standard
Interface	F-Male	ANSI/SCTE 92
Pull Strength	\geq 150 kgf	ANSI/SCTE 99

Material Specifications

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

Ordering Information

Part Number	Description
PP1015FMTX	Two-piece Flex Feeder Connector, F-Male