

Datenblatt DV 46HQ
Modell: F-81-HQFE



F-Verbinder HQ-Version

Item no.	99550025-03	F-81-HQ-FE	
		ACCEPTS PIN Ø 0.4-1.2mm	
Frequency Range	0.3 - 3000 MHz	Product photo	
Impedance (Nom.)	75 Ohm		
(calculated)	4,7 A @10°C increase		
	6,6 A @20°C increase		
Transfer Impedance (CoMeT)	Class A++		
	<0,9 mΩ/m @ 5-30MHz		
	<0,02 mΩ/item @ 5-30MHz		
Screening Attenuation(CoMeT)	Class A++		
	>140 dB @ 30-1000MHz		
	>140 dB @ 1000-2000MHz		
	>140 dB @ 2000-3000MHz		
Return LOSS (IEC 61169-1)	Better than	Typical	Insertion Loss Max.
0.3 - 500 MHz	-43 dB	-46,0 dB	0.3 - 500 MHz
500 - 860 MHz	-41 dB	-44,2 dB	500 - 860 MHz
860 - 1000 MHz	-39 dB	-42,1 dB	860 - 1000 MHz
1000 - 1750 MHz	-37 dB	-39,9 dB	1000 - 1750 MHz
1750 - 2150 MHz	-34 dB	-36,6 dB	1750 - 2150 MHz
2150 - 3000 MHz	-26 dB	-28,5 dB	2150 - 3000 MHz
Temperature			IM3
Installing	-5° to +50° C		-155 dBc
Operating	-40° to +70° C		110 dBm
Storing	-40° to +70° C		
Sealing Test			Inner Conductor Resistance
(IEC IP-code)	IP X8 30 meter / 8 hours		(@ 1 A DC)
			<5 mΩ
			Insulation Resistance
			(@ 500 VDC)
			>200 GΩ
O-rings			Dielectric Strength
			DC Test Voltage
			>6 KV
Base Material			Max. Tensile Strength
Body Parts	Brass CuZn39Pb3		Overall
Inner Conductor	Beryllium copper		NA Kgf
			NA N
Plating			Torsional Strength
Body Parts	Nitin-6		(Connector / Cable)
Inner Conductor	Nitin-6		* NATM
Insulators	- / PE		Test performed by
			Søren Baldus-Kunze
			Date of release
			December 14, 2018

Remarks

Connector designed according to the standard IEC 61169-24 (type F)

All tests performed using instruments calibrated in accordance to our ISO 9001 certification. Further technical specifications and installation instructions can be obtained on request.