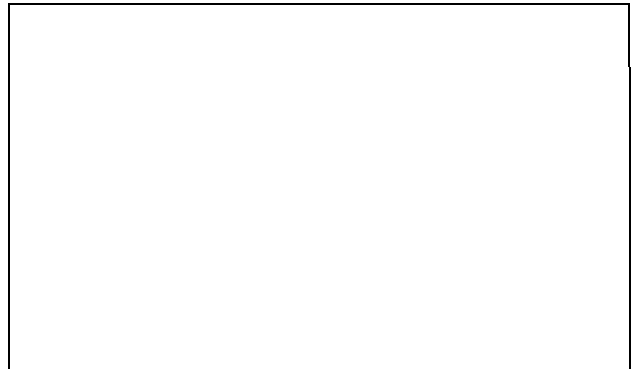


Item no.	PLU010403	Connector type	7/16F-878/50
		For cable	7/8"-50

Frequency Range	50 - 5100 MHz
Impedance (Nom.)	50
Shielding Effectiveness(CoMeT)	>135 dB @ 50-1000Mhz
	>130 dB @ 1000-3000MHz



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

Return Loss (IEC 61169-1)
 (Rhode und Schwarz ZVB-8)

	Better than	Typical
50 - 1000 MHz	-35 dB	-37,5 dB
1000 - 2000 MHz	-32 dB	-35,2 dB
2000 - 3000 MHz	-31 dB	-33,4 dB
3000 - 4000 MHz	-28 dB	-30,5 dB
4000 - 5100 MHz	-26 dB	-28,5 dB
900 MHz	-35 dB	-38,0 dB
1800 MHz	-33 dB	-35,4 dB
2450 MHz	-32 dB	-35,4 dB

Insertion Loss Max.

	Better than	Typical
50 - 1000 MHz	-0,06 dB	-0,01 dB
1000 - 2000 MHz	-0,06 dB	-0,01 dB
2000 - 3000 MHz	-0,06 dB	-0,01 dB
3000 - 4000 MHz	-0,06 dB	-0,01 dB
4000 - 5100 MHz	-0,09 dB	-0,04 dB
900 MHz	-0,06 dB	-0,01 dB
1800 MHz	-0,06 dB	-0,01 dB
2450 MHz	-0,06 dB	-0,01 dB

Temperature
 Installing
 Operating
 Storing

-5° to +50° C
-40° to +85° C
-40° to +85° C

Intermodulation
 3rd Order (@2x20W)

IM3	IP3-value
-127 dBm	+128 dBm

Inner Conductor Resistance
 (@1 A DC)

0,1 m

Sealing Test
 (IEC IP-code)

IP X8 30 meter / 8 hours

Insulation Resistance
 (@500 VDC)

>200 G

O-rings

EPDM

Dielectric Strength
 DC Test Voltage

6,0 KV

Base Material

Body Parts	Brass CuZn39Pb3 / POM C9021LS
Inner Conductor	Tin Bronze

Max. Tensile Strength
 Overall

160 Kgf
1569 N

Plating

Body Parts	Nitin-6
Inner Conductor	Silver

Torsional Strength
 (Connector / Cable)

25,0 Nm

Insulators

TPX

Test performed by
 Date of release

Sven-Erik Sandberg
January 07, 2010

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

