

Item no. 87515515

Adapter type 3,5/12F Chassis-FF HQ
ACCEPTS PIN Ø 0.4-1.2mm

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	2,3 A @10°C increase
	(calculated) 3,2 A @20°C increase
Transfer Impedance (CoMeT)	<0,9 mΩ/m @ 5-30MHz
	<0,04 mΩ/item @ 5-30MHz
Shielding Effectiveness (CoMeT)	> 135 dB @ 30-1000MHz
	>125 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
0.3 - 500 MHz	-35 dB	-38,0 dB
500 - 860 MHz	-32 dB	-34,8 dB
860 - 1000 MHz	-31 dB	-33,7 dB
1000 - 1750 MHz	-28 dB	-31,1 dB
1750 - 2150 MHz	-28 dB	-31,1 dB
2150 - 3000 MHz	-28 dB	-31,1 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,07 dB	-0,02 dB
500 - 860 MHz	-0,09 dB	-0,04 dB
860 - 1000 MHz	-0,09 dB	-0,04 dB
1000 - 1750 MHz	-0,10 dB	-0,05 dB
1750 - 2150 MHz	-0,12 dB	-0,07 dB
2150 - 3000 MHz	-0,15 dB	-0,10 dB

Temperature

Installing	-5° to +50° C
Operating	-40° to +100° C
Storing	-40° to +100° C

Intermodulation

3rd Order (@2x100mW)	IM3 -140 dBc	IP3-value +90 dBm
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Inner Conductor Resistance

@ 1 A DC	0,02 mΩ
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Sealing Test

(IEC IP-code)	IP X8 30 meter / 8 hours
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Insulation Resistance

@ 500 VDC	>200 GΩ
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Dielectric Strength

DC Test Voltage	>4,0 KV
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Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	Tin Bronze BZ4 / Beryllium copper

Plating

Body Parts	Nitin-6
Inner Conductor	Nitin-6 / Gold

Insulators

POM / COC (Topas)

Test performed by
Date of release

Søren B. Sørensen
December 04, 2009

Remarks

* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.

ISO 9001:2000 / ISO 14001 certified

Distributor: