

Item no. **87515102**

Adapter type **3.5/12F-3.5/12F CHASSIS**

Frequency Range **0.3 - 3000 MHz**  
 Impedance (Nom.) **75 Ω**  
 Amp. Rating (measured) **14.0 A @10°C increase**  
 (calculated) **19.7 A @20°C increase**

Product photo



Transfer Impedance (CoMeT) **Class A++**  
**<0.9 mΩ/m @ 5-30MHz**  
**<0.04 mΩ/item @ 5-30MHz**  
 Screening Attenuation(CoMeT) **Class A++**  
**>130 dB @ 30-1000MHz**  
**>130 dB @ 1000-2000MHz**  
**>120 dB @ 2000-3000MHz**

	Better than	Typical
Return Loss (IEC 61169-1) 0.3 - 500 MHz	-37 dB	-40.0 dB
500 - 860 MHz	-31 dB	-33.7 dB
860 - 1000 MHz	-30 dB	-33.2 dB
1000 - 1750 MHz	-24 dB	-26.6 dB
1750 - 2150 MHz	-22 dB	-25.0 dB
2150 - 3000 MHz	-21 dB	-24.2 dB

	Better than	Typical
Insertion Loss Max. 0.3 - 500 MHz	-0.13 dB	-0.08 dB
500 - 860 MHz	-0.17 dB	-0.12 dB
860 - 1000 MHz	-0.18 dB	-0.13 dB
1000 - 1750 MHz	-0.26 dB	-0.21 dB
1750 - 2150 MHz	-0.29 dB	-0.24 dB
2150 - 3000 MHz	-0.33 dB	-0.28 dB

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

Intermodulation  
 3rd Order (@2x+43dBm) **IM3**  
**-164 dBc**

Inner Conductor Resistance  
 (@ 1 A DC) **<0.35 mΩ**

Sealing Test  
 (IEC IP-code) **IP X8 30 meter / 8 hours**

Insulation Resistance  
 (@ 500 VDC) **>200 GΩ**

Dielectric Strength  
 DC Test Voltage **>6.0 KV**

Base Material  
 Body Parts **Brass CuZn39Pb3**  
 Inner Conductor **Tin Bronze BZ4**

Plating  
 Body Parts **Nitin-6**  
 Inner Conductor **Nitin-6**

Insulators **POM**

Test performed by **Søren B. Sørensen**  
 Date of release **April 14, 2015**

Remarks

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