

Item no. **89490005-01**

**3.5/12M-R75 PORT TERMINATOR
WITH AC BLOCKING**

Frequency Range **0.3 - 2150 MHz**
Impedance (Nom.) **75 Ohm**
***1/2 W**

Product photo



Transfer Impedance (CoMeT) **Class A++**
<0.9 mΩ/m @ 5-30MHz
-0.01 mΩ/item @ 5-30MHz

Screening Attenuation(CoMeT) **Class A++**
>120 dB @ 30-1000MHz
>120 dB @ 1000-2000MHz

Return Loss (IEC 61169-1)	Better than	Typical
0.3 - 500 MHz	-40 dB	-45.9 dB
500 - 860 MHz	-36 dB	-39.2 dB
860 - 1000 MHz	-36 dB	-38.5 dB
1000 - 1750 MHz	-19 dB	-21.8 dB
1750 - 2150 MHz	-11 dB	-14.4 dB
	dB	dB

Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	- dB	- dB
500 - 860 MHz	- dB	- dB
860 - 1000 MHz	- dB	- dB
1000 - 1750 MHz	- dB	- dB
1750 - 2150 MHz	- dB	- dB
	dB	dB

Temperature
Installing **-5° to +50° C**
Operating **-40° to +70° C**
Storing **-40° to +70° C**

Intermodulation **IM3**
3rd Order (@2x100mW) **-137 dBc**

Inner Conductor Resistance
(@ 1 A DC) **-**

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

Insulation Resistance
(@ 500 VDC) **>29.9 GΩ**

O-rings **EPDM**

Dielectric Strength
DC Test Voltage **500 V**

Base Material
Body Parts **Brass CuZn39Pb3**
Inner Conductor **Brass CuZn39Pb3**

Max. Tensile Strength
Overall **-**

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

Torsional Strength
(Connector / Cable) **-**

Insulators **PE / ****

Test performed by **Sven-Erik Sandberg**
Date of release **June 27, 2016**

Remarks *** Signal level 1/2W@75Ω equals +134dBμV.**
****Printed Circuit Board made of CEM3.**

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