

Item no. 89570005

5/8M-R75 PORT TERMINATOR
PIN Ø 1.8x47mm WITH AC BLOCKING

Frequency Range 0.3 - 3000 MHz
Impedance (Nom.) 75 Ω
*1/2 W

Product photo



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

Screening Attenuation(CoMeT) Class A++
>120 dB @ 30-1000MHz
>105 dB @ 1000-2000MHz
>105 dB @ 2000-3000MHz

Return Loss (IEC 61169-1)	Better than	Typical
0.3 - 500 MHz	-23 dB	-25.6 dB
500 - 860 MHz	-18 dB	-21.0 dB
860 - 1000 MHz	-18 dB	-20.2 dB
1000 - 1750 MHz	-14 dB	-17.0 dB
1750 - 2150 MHz	-13 dB	-15.5 dB
2150 - 3000 MHz	-13 dB	-15.5 dB

Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-	-
500 - 860 MHz	-	-
860 - 1000 MHz	-	-
1000 - 1750 MHz	-	-
1750 - 2150 MHz	-	-
2150 - 3000 MHz	-	-

Temperature
Installing -5° to +50° C
Operating -40° to +85° C
Storing -40° to +85° C

Intermodulation IM3
3rd Order (@2x100mW) -131 dBc

Inner Conductor Resistance (@ 1 A DC) -

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

Insulation Resistance (@ 500 VDC) -

O-rings EPDM

Dielectric Strength AC Test Voltage 200 V

Base Material
Body Parts Brass CuZn39Pb3
Inner Conductor Brass CuZn39Pb3

Max. Tensile Strength Overall -

Plating
Body Parts Nitin-6
Inner Conductor Nitin-6

Torsional Strength (Connector / Cable) * NATM

Insulators POM (Delrin)

Test performed by Sven-Erik Sandberg
Date of release March 18, 2015

Remarks * Signal level 1/2W@75 ohm 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.