

Item no. 57070707-01

5/8M-TL707TI PIN Ø 1.8x31/47mm
Alcatel ACE 5 PTC .750 S/CC

Frequency Range 0.3 - 3000 MHz
Impedance (Nom.) 75 Ω
(calculated) 20.0 A @10°C increase
28.2 A @20°C increase

Product photo



Transfer Impedance (CoMeT) Class A++
<0.9 mΩ/m @ 5-30MHz
<0.06 mΩ/item @ 5-30MHz
Screening Attenuation(CoMeT) Class A++
>135 dB @ 30-1000MHz
>130 dB @ 1000-2000MHz
>120 dB @ 2000-3000MHz

Return Loss (IEC 61169-1)	Better than	Typical
0.3 - 500 MHz	-36 dB	-38.8 dB
500 - 860 MHz	-36 dB	-38.7 dB
860 - 1000 MHz	-34 dB	-36.8 dB
1000 - 1750 MHz	-25 dB	-28.1 dB
1750 - 2150 MHz	-22 dB	-24.7 dB
2150 - 3000 MHz	-19 dB	-22.1 dB

Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-0.07 dB	-0.02 dB
500 - 860 MHz	-0.07 dB	-0.02 dB
860 - 1000 MHz	-0.07 dB	-0.02 dB
1000 - 1750 MHz	-0.10 dB	-0.05 dB
1750 - 2150 MHz	-0.10 dB	-0.05 dB
2150 - 3000 MHz	-0.10 dB	-0.05 dB

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

Intermodulation IM3
3rd Order (@2x+43dBm) -162 dBc

Inner Conductor Resistance
(@ 1 A DC) <0.7 mΩ

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

Insulation Resistance
(@ 500 VDC) >200 GΩ

O-rings EPDM

Dielectric Strength
DC Test Voltage >3.5 KV

Base Material
Body Parts Brass CuZn39Pb3
Inner Conductor Brass CuZn39Pb3

Max. Tensile Strength
Overall >3450 N
Inner Conductor >400 N

Plating
Body Parts Nitin-6
Inner Conductor Nitin-6

Torsional Strength
(Connector / Cable) >20 Nm

Insulators COC (Topas) / PP with Glass

Test performed by Søren B. Sørensen
Date of release May 15, 2014

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.*