

Item no. 57023204-01

5/8M-TL232 Pin 1.8x47mm  
Draka Coax 6 CT 15 A

**Frequency Range** 0.3 - 3000 MHz  
**Impedance (Nom.)** 75 Ω  
(calculated) 16.0 A @10°C increase  
22.6 A @20°C increase

Product photo



**Transfer Impedance (CoMeT)** Class A+  
<2.5 mΩ/m @ 5-30MHz  
<0.14 mΩ/item @ 5-30MHz

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

Return Loss (IEC 61169-1)	Better than	Typical
0.3 - 500 MHz	-36 dB	-38.5 dB
500 - 860 MHz	-35 dB	-37.9 dB
860 - 1000 MHz	-35 dB	-37.9 dB
1000 - 1750 MHz	-30 dB	-33.0 dB
1750 - 2150 MHz	-25 dB	-27.8 dB
2150 - 3000 MHz	-21 dB	-24.2 dB

Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-0.09 dB	-0.04 dB
500 - 860 MHz	-0.10 dB	-0.05 dB
860 - 1000 MHz	-0.10 dB	-0.05 dB
1000 - 1750 MHz	-0.13 dB	-0.08 dB
1750 - 2150 MHz	-0.14 dB	-0.09 dB
2150 - 3000 MHz	-0.16 dB	-0.11 dB

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

**Intermodulation** IM3  
3rd Order (@2x+30dBm) -130 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 >3.0 KV

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

**Max. Tensile Strength**  
Overall >500 N  
Inner Conductor >250 N

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

**Torsional Strength**  
(Connector / Cable) \* NATM

**Insulators** PP with Glass / COC (Topas)

**Test performed by** Søren B. Sørensen  
**Date of release** July 29, 2014

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

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