

Item no. 57041304-01

5/8M-TL413  
Belden Coax 4 Foam FB 14 PE

Frequency Range 0.3 - 3000 MHz  
Impedance (Nom.) 75 Ω  
(calculated) 18.0 A @10°C increase  
25.4 A @20°C increase

Product photo



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

Screening Attenuation(CoMeT) Class A++  
-125 dB @ 30-1000MHz  
-125 dB @ 1000-2000MHz  
-125 dB @ 2000-3000MHz

Return Loss (IEC 61169-1)	Better than	Typical
0.3 - 500 MHz	-37 dB	-39.8 dB
500 - 860 MHz	-34 dB	-37.0 dB
860 - 1000 MHz	-34 dB	-36.9 dB
1000 - 1750 MHz	-34 dB	-36.8 dB
1750 - 2150 MHz	-30 dB	-33.2 dB
2150 - 3000 MHz	-25 dB	-28.0 dB

Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-0.07 dB	-0.02 dB
500 - 860 MHz	-0.08 dB	-0.03 dB
860 - 1000 MHz	-0.08 dB	-0.03 dB
1000 - 1750 MHz	-0.10 dB	-0.05 dB
1750 - 2150 MHz	-0.10 dB	-0.05 dB
2150 - 3000 MHz	-0.11 dB	-0.06 dB

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

Intermodulation IM3  
3rd Order (@2x+30dBm) -150 dBc

Inner Conductor Resistance (@ 1 A DC) <0.9 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 >1324 N  
Inner Conductor >500 N

Plating  
Body Parts Nitin-6  
Inner Conductor Nitin-6

Torsional Strength (Connector / Cable) \* NATM

Insulators COC (Topas) / PP with Glass

Test performed by Søren B. Sørensen  
Date of release July 09, 2014

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