


Item no.	55041300-01		Connector type	FF-TL413	
			For cable	Belden Coax 4 Foam FB14 PE	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ω				
Amp. Rating (measured)	6.5 A @10°C increase				
(calculated)	9.1 A @20°C increase				
Transfer Impedance (CoMeT)	Class A++				
	<0.9 mΩ/m @ 5-30MHz				
	<0.1 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++				
	>105 dB @ 30-1000MHz				
	>105 dB @ 1000-2000MHz				
	>105 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-37 dB	-40.1 dB	0.3 - 500 MHz	-0.08 dB	-0.03 dB
500 - 860 MHz	-37 dB	-40.1 dB	500 - 860 MHz	-0.09 dB	-0.04 dB
860 - 1000 MHz	-37 dB	-40.1 dB	860 - 1000 MHz	-0.09 dB	-0.04 dB
1000 - 1750 MHz	-35 dB	-37.5 dB	1000 - 1750 MHz	-0.11 dB	-0.06 dB
1750 - 2150 MHz	-33 dB	-35.9 dB	1750 - 2150 MHz	-0.12 dB	-0.07 dB
2150 - 3000 MHz	-25 dB	-27.8 dB	2150 - 3000 MHz	-0.13 dB	-0.08 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x+30dBm)	-150 dBc	
Operating	-40° to +70° C		Inner Conductor Resistance	(@ 1 A DC)	
Storing	-40° to +70° C			<8.0 mΩ	
Sealing Test			Insulation Resistance	(@ 500 VDC)	
(IEC IP-code)	IP X8 30 meter / 8 hours			>200 GΩ	
O-rings	EPDM		Dielectric Strength	DC Test Voltage	
				>2.0 KV	
Base Material			Max. Tensile Strength		
Body Parts	Brass CuZn39Pb3		Overall	>1324 N	
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper		Inner Conductor	>500 N	
Plating			Torsional Strength	(Connector / Cable)	
Body Parts	Nitin-6			* NATM	
Inner Conductor	Nitin-6		Test performed by	Søren B. Sørensen	
Insulators	PP with Glass / COC (Topas) / POM		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.*